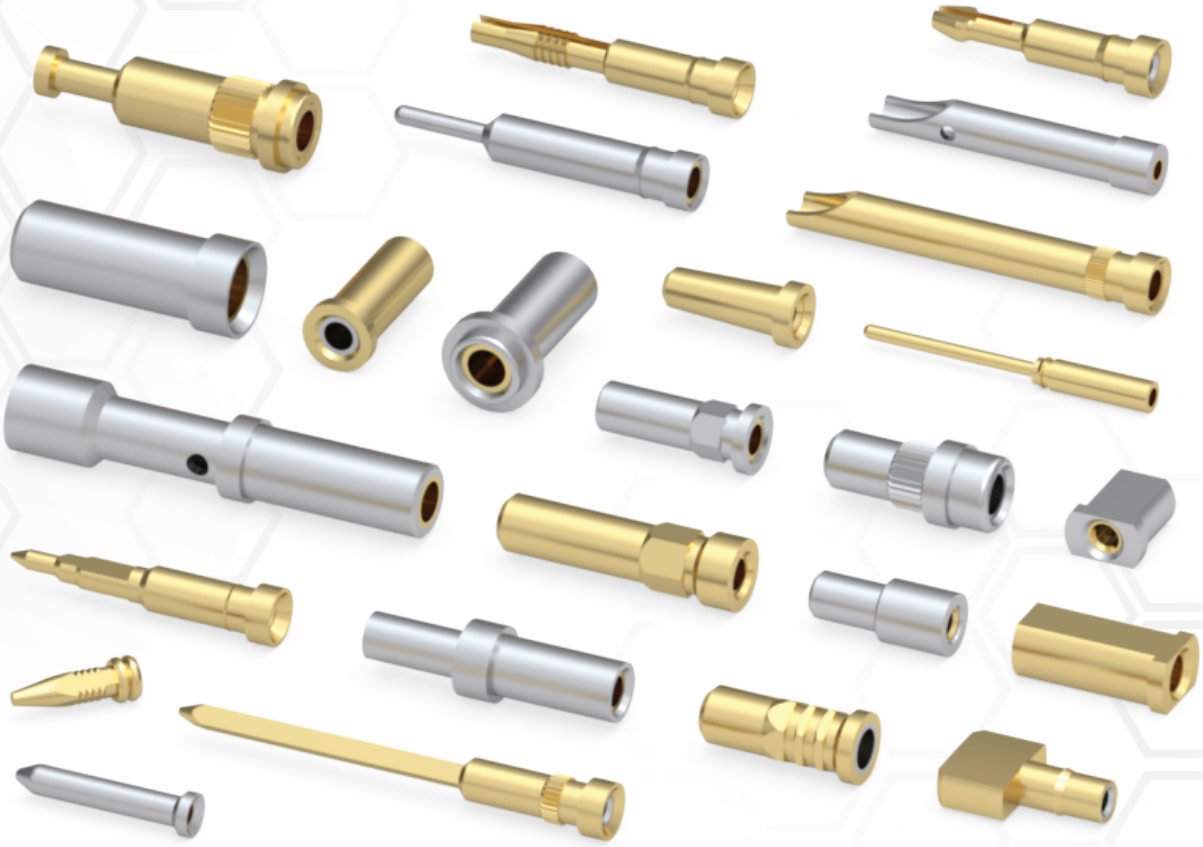
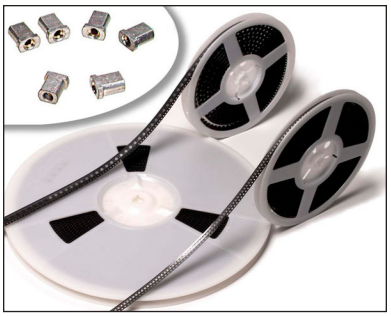
WWW.MILL-MAX.COM

PIN RECEPTACLES

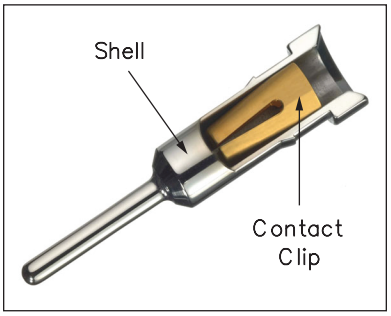


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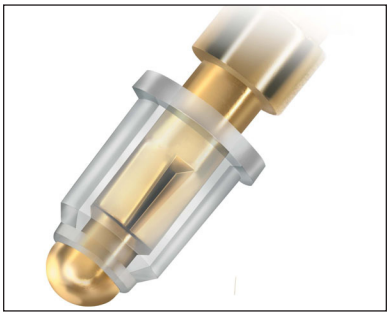
The basic component used for making electrical connections in a wide array of electronic equipment is the pin receptacle. The Mill-Max pin receptacle provides a highly reliable, low resistance electrical path to terminate the pins of a device or discrete wires to a PCB or other mating apparatus such as cables, modules or other pins and wires. Assembled into sockets i.e. DIP, SIP, PGA, etc. or used discretely, receptacles make devices and modules pluggable for repair and replacement. The machined shell or housing of pin receptacles is available in various styles depending on the application, e.g. low profile, elevated, press-fit, SMT. The terminal end of pin receptacles has many variations: a round solder tail, a press-fit tail, a surface mount base, crimp barrel, soldercup, swage feature or no tail.



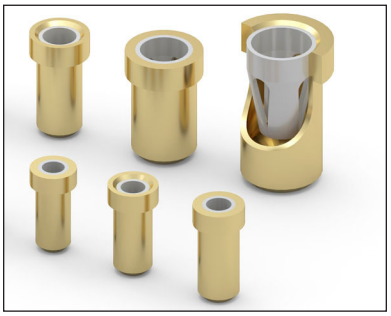
Inside every Mill-Max receptacle is a contact clip. A contact clip is a conductive, multi-finger, progressive die stamping. The standard material is beryllium copper and for high temperature applications, beryllium nickel is used. Both materials are heat treated to achieve optimal spring characteristics & durability. The contact clip engages, scores and holds the mated pin making an electrical and gas tight connection at 3, 4 or 6 points of contact, depending on the selected contact. Mill-Max receptacles are capable of 1,000 minimum insertion/extraction cycles for a broad range of applications. Mating pin size, shape and finish, along with application specific variables, will affect the life of a contact.



Mill-Max currently offers over 39 styles of contacts to engage pins from 0,20 to 2,59 in diameter. A convenient contact selector chart is located on page 248 showing the different specifications of each contact.



Pin receptacles can be utilized as discrete connectors for the plugging and unplugging of components on PC boards. They can be utilized individually or in random arrays where the usage is small. They can be handled and loaded manually in preparation for soldering or, with a different style shell, for press-fitting. When the requirement is for volume placement of receptacles, socket carriers or tape and reel packaging are tremendous labor-saving solutions for our customers.



In addition to the products found on the following pages, Mill-Max offers the following stock materials and diameters available for manufacture:

BRASS Alloys 360/385: 1,57/1,83/1,98/2,36/3,18/3,96/4,75/6,35 diameters
PHOSPHOR BRONZE Alloy 544: 1,57/1,83/1,98 diameters
TELLURIUM COPPER Alloy 145: 2,01/2,36/3,18/3,96 diameters

Mill-Max will gladly quote application specific products. Please complete the specification sheet on page **247** or send us your own drawings. We assure you a fast response.

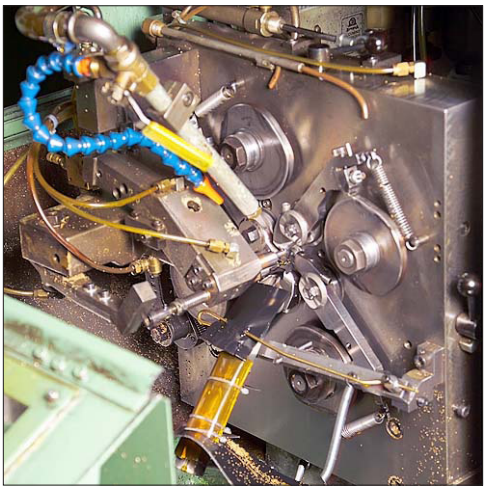
CUSTOM MACHINING CAPABILITY

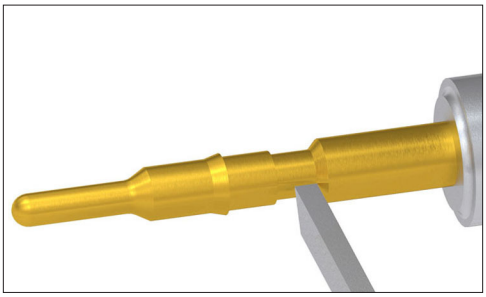
DON'T SEE QUITE WHAT YOU'RE LOOKING FOR IN THE PIN & RECEPTACLE SECTION OF THE CATALOG?

Mill-Max's unique high-speed precision-machining capability enables us to provide custom-designed pins or receptacles tailored to meet your specific requirement.

With over 200 high-speed turning machines on our premises in Oyster Bay, NY, Mill-Max is readily equipped to provide custom pins, terminals and receptacles to your exacting specifications.

Moreover, our in-house, state-of-the-art plating equipment allows us to plate your custom pin with a selection of industry standard finishes. Initial quantities are typically shipped in 5-6 weeks.







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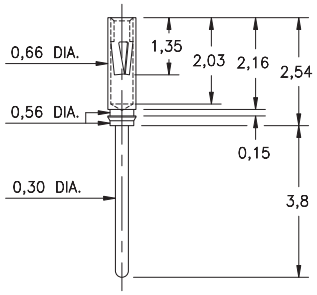
PIN RECEPTACLES

FOR 0,20 - 0,33 DIAMETER PINS (#04 CONTACT) AND 0,30 - 0,43 DIAMETER PINS (#10 CONTACT) (SEE SPECIFIC CONTACT RANGE ON PAGE 250)

8210

8210-0-15-15-04-27-04-0

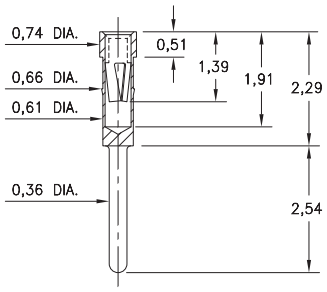
Press-fit in 0,61/0,68 stepped hole



0439

0439-0-15-15-04-27-04-0

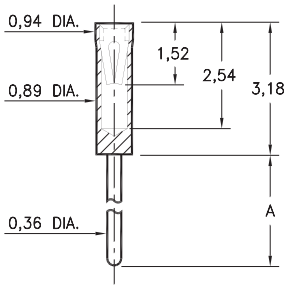
Press-fit in 0,64 mounting hole



X464

X464-X-15-XX-10-XX-04-0

Solder mount in 0,41 min. mounting hole

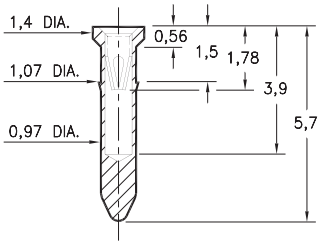


Basic Part Number	Length A
0464-0	3,18
0464-1	6,35
6464-0	6,99

9225

9225-0-15-XX-10-XX-10-0

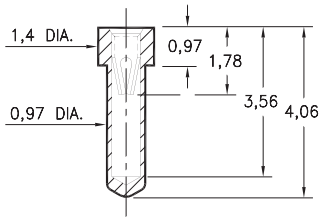
Press-fit in 1,0 mounting hole



0529

0529-0-15-XX-10-XX-10-0

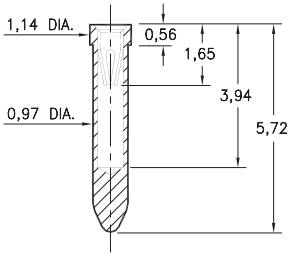
Solder mount in 1,02 min. mounting hole



8947

8947-0-15-XX-10-XX-10-0

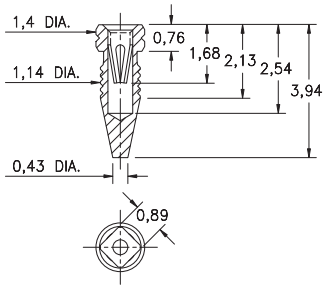
Solder mount in 1,02 min. mounting hole
Also available on 24mm wide carrier tape:
1,350 parts per 330mm reel
See page 194.1 for Tape & Reel details



4993

4993-0-15-15-10-27-10-0

Compliant press-fit in 1,04 - 1,12 Dia. mounting hole



SPECIFICATIONS:

Shell Material: Brass Alloy 360, 1/2 Hard

Contact Material: Beryllium Copper Alloy 172, HT

Dimensions: Millimeters

Tolerances On: Lengths: ± 0,13
Diameters: ± 0,051
Angles: ± 2 °

RoHS-2 2011/65/EU

ORDER CODE: XXXX - X - XX - XX - XX - XX - XX - 0

BASIC PART #

SPECIFY SHELL FINISH:
- **01** 5,08µm TIN/LEAD OVER NICKEL
- **80** 5,08µm TIN OVER NICKEL (RoHS)
- **15** 0,25µm GOLD OVER NICKEL (RoHS)

SPECIFY CONTACT FINISH:
- **02** 2,54µm TIN/LEAD OVER NICKEL
- **84** 2,54µm TIN OVER NICKEL (RoHS)
- **27** 0,76µm GOLD OVER NICKEL (RoHS)

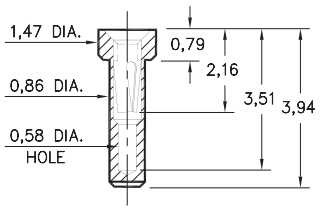
SELECT CONTACT:
#04 or #10 CONTACT (DATA ON PAGE 250)
(CONTACTS #04 & #10 NOT INTERCHANGEABLE)

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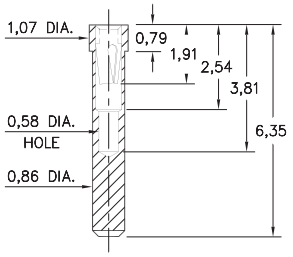
PIN RECEPTACLES

FOR 0,38 - 0,51 DIAMETER PINS (#11 CONTACT) AND 0,38 - 0,56 DIAMETER PINS (#21 CONTACT) (SEE SPECIFIC CONTACT RANGE ON PAGE 251)

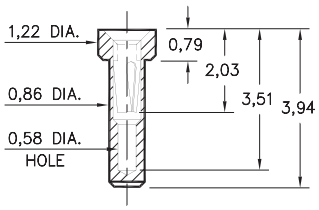
0548
0548-0-15-XX-21-XX-10-0
Solder mount in 0,91 min. mounting hole
Also available on 16mm wide carrier tape:
1,900 parts per 330mm reel
See page 194.3 for Tape & Reel details



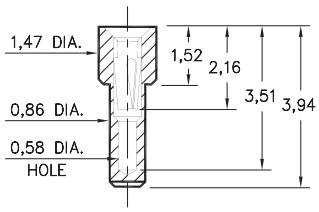
8975
8975-0-15-XX-21-XX-10-0
Solder mount in 0,91 min. mounting hole
Also available on 24mm wide carrier tape:
1,200 parts per 330mm reel
See page 194.3 for Tape & Reel details



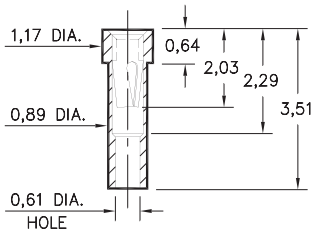
3016
3016-0-15-XX-21-XX-10-0
Solder mount in 0,91 min. mounting hole
Also available on 16mm wide carrier tape:
1,900 parts per 330mm reel
See page 194.3 for Tape & Reel details



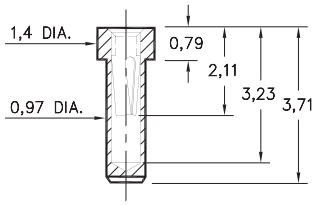
9548
9548-0-15-XX-21-XX-10-0
Solder mount in 0,91 min. mounting hole



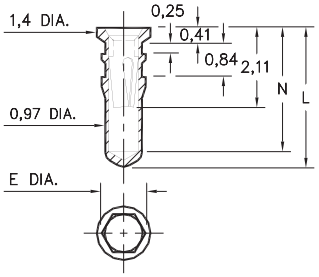
8637
8637-0-15-XX-21-XX-10-0
Solder mount in 0,94 min. mounting hole
Also available on 16mm wide carrier tape:
2,000 parts per 330mm reel
See page 194.3 for Tape & Reel details



1407
1407-0-15-XX-11-XX-10-0
Solder mount in 1,02 min. mounting hole
Also available on 16mm wide carrier tape:
1,500 parts per 330mm reel
See page 194.2 for Tape & Reel details



0553/4553/8553
X553-X-15-XX-X1-XX-10-0
Also available on 16mm wide carrier tape:
1,580 parts per 330mm reel
See page 194.2 for Tape & Reel details

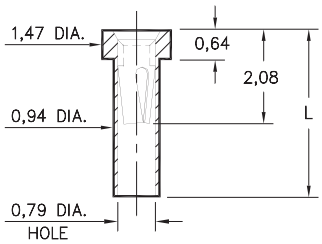


Hex press-fit in 1,04 plated through-hole for Part Numbers 0553-X and 8553-0 ONLY

Hex press-fit in 1,07 plated through-hole for Part Number 4553-0 ONLY

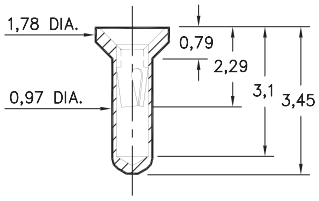
Basic Part Number	Hex Dia. E	Length L	Depth N
0553-1	1,12	3,56	3,15
0553-2	1,12	4,32	3,91
0553-3	1,12	7,16	6,76
4553-0	1,14	4,32	3,91
8553-0	1,12	6,22	5,82

0566
0566-X-15-XX-21-XX-10-0
Solder mount in 1,0 min. mounting hole
Also available on 16mm wide carrier tape:
See chart for details
See page 194.3 for Tape & Reel details

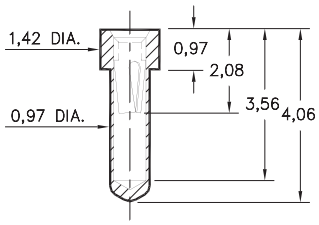


Basic Part Number	Length L	Parts per 330m Reel
0566-1	2,11	3,000
0566-2	3,51	2,100

0442
0442-0-15-XX-11-XX-10-0
Solder mount in 1,02 min. mounting hole



0554
0554-0-15-XX-21-XX-10-0
Solder mount in 1,02 min. mounting hole
Also available on 16mm wide carrier tape:
1,850 parts per 330mm reel
See page 194.3 for Tape & Reel details



SPECIFICATIONS:

Shell Material: Brass Alloy 360, 1/2 Hard

Contact Material: Beryllium Copper Alloy 172, HT

Dimensions: Millimeters

Tolerances On: Lengths: ± 0,13
Diameters: ± 0,051
Angles: ± 2 °

RoHS-2 2011/65/EU

ORDER CODE: XXXX - X - XX - XX - XX - XX - 10 - 0

BASIC PART #

SPECIFY SHELL FINISH:
- **01** 5,08µm TIN/LEAD OVER NICKEL
- **80** 5,08µm TIN OVER NICKEL (RoHS)
- **15** 0,25µm GOLD OVER NICKEL (RoHS)

SPECIFY CONTACT FINISH:
- **02** 2,54µm TIN/LEAD OVER NICKEL
- **84** 2,54µm TIN OVER NICKEL (RoHS)
- **27** 0,76µm GOLD OVER NICKEL (RoHS)

SELECT CONTACT:
#11 or #21 CONTACT (DATA ON PAGE 251)
(For alternate contact choices, see group A on page 248)

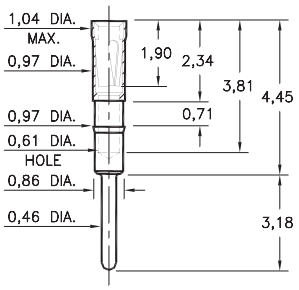
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PIN RECEPTACLES

FOR 0,38 - 0,46 DIAMETER PINS (#09 CONTACT)
FOR 0,38 - 0,51 DIAMETER PINS (#11 CONTACT)
AND 0,38 - 0,56 DIAMETER PINS (#21 CONTACT)

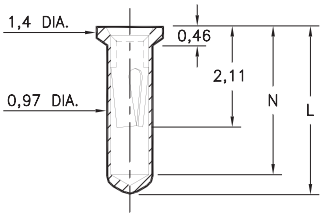
0467
0467-0-15-XX-21-XX-04-0

Press-fit in 0,94 mounting hole



0552
0552-X-15-XX-X1-XX-10-0

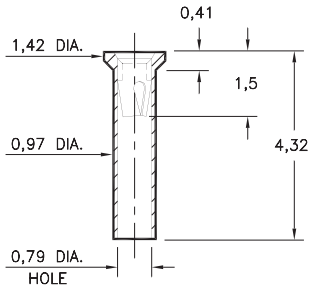
Solder mount in 1,02 min. mounting hole
Also available on 16mm wide carrier tape:
1,500 parts per 330mm reel
See page 194.2 for Tape & Reel details



Basic Part Number	Length L	Depth N
0552-1	3,45	3,05
0552-2	4,32	3,81

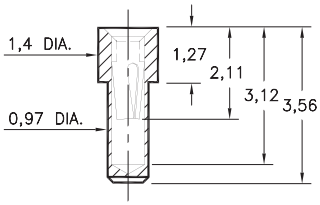
5522
5522-0-15-XX-XX-XX-10-0

Solder mount in 1,02 min. mounting hole



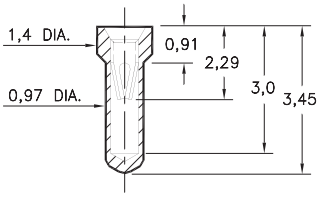
0569
0569-0-15-XX-X1-XX-10-0

Solder mount in 1,02 min. mounting hole
Also available on 16mm wide carrier tape:
2,000 parts per 330mm reel
See page 194.2 for Tape & Reel details



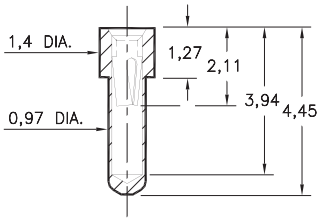
6023
6023-0-15-XX-21-XX-10-0

Solder mount in 1,02 min. mounting hole



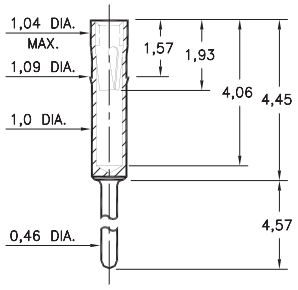
6214
6214-0-15-XX-21-XX-10-0

Solder mount in 1,02 min. mounting hole



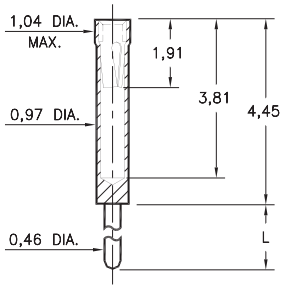
2086
2086-0-15-XX-21-XX-04-0

Press-fit in 1,02 mounting hole



0461
0461-X-15-XX-X1-XX-04-0

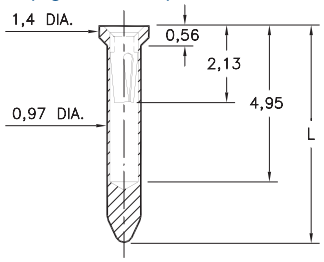
Solder mount in 0,51 min. mounting hole



Basic Part Number	Length L
0461-0	10,16
0461-1	6,99
0461-2	4,57
0461-3	3,18
0461-4	1,52
0461-5	11,18

8579
8579-X-15-XX-X1-XX-10-0

Solder mount in 1,02 min. mounting hole
Also available on 24mm wide carrier tape
See chart for details
See page 194.2 for Tape & Reel details



Basic Part Number	Length L
8579-0	5,94
8579-1	7,49

T&R Packaging

Basic Part Number	Tape Width	Parts per 330mm Reel
8579-0	24mm	1,200
8579-1	24mm	1,000

SPECIFICATIONS:

Shell Material: Brass Alloy 360, 1/2 Hard

Contact Material: Beryllium Copper Alloy 172, HT

Dimensions: Millimeters

Tolerances On: Lengths: ± 0,13
Diameters: ± 0,051
Angles: ± 2 °

RoHS-2 2011/65/EU

ORDER CODE: XXXX - X - XX - XX - XX - XX - XX - 0

BASIC PART #

SPECIFY SHELL FINISH:
- **01** 5,08µm TIN/LEAD OVER NICKEL
- ◆ **80** 5,08µm TIN OVER NICKEL (RoHS)
- ◆ **15** 0,25µm GOLD OVER NICKEL (RoHS)

SPECIFY CONTACT FINISH:
- **02** 2,54µm TIN/LEAD OVER NICKEL
- ◆ **84** 2,54µm TIN OVER NICKEL (RoHS)
- ◆ **27** 0,76µm GOLD OVER NICKEL (RoHS)

SELECT CONTACT:
#09, #11 or #21 CONTACT (DATA ON PAGES 250 & 251)
(For alternate contact choices, see group A on page 248)

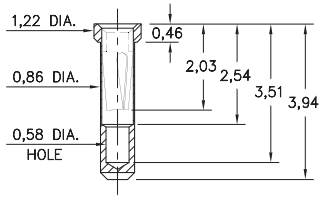
PIN RECEPTACLES

FOR 0,38 - 0,51 DIAMETER PINS (#11 CONTACT) AND 0,38 - 0,56 DIAMETER PINS (#21 CONTACT) (SEE SPECIFIC CONTACT RANGE ON PAGE 251)

4716

4716-0-15-XX-21-XX-10-0

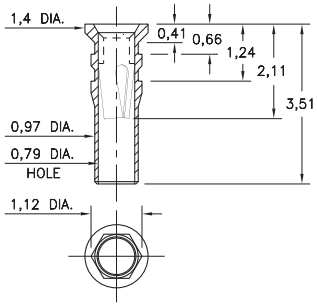
Solder mount in 0,97 min. mounting hole



6553

6553-0-15-XX-11-XX-10-0

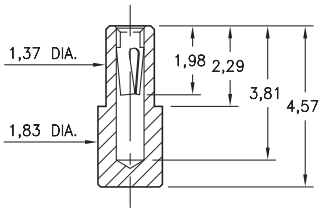
Hex press-fit in 1,04 plated through-hole



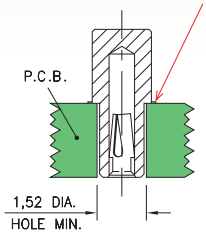
5743

5743-0-15-XX-21-27-10-0

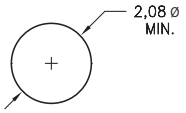
Surface mount or Through-hole mount
(See mounting details)



Use 2,08 Dia. Annular ring this side



Through-hole P.C.B mount for Bottom Entry Applications



Surface mount P.C.B Layout

SPECIFICATIONS:

Shell Material: Brass Alloy 360, 1/2 Hard

Contact Material: Beryllium Copper Alloy 172, HT

Dimensions: Millimeters

Tolerances On: Lengths: ± 0,13
Diameters: ± 0,051
Angles: ± 2 °

RoHS-2 2011/65/EU

ORDER CODE: XXXX - 0 - 15 - XX - X1 - XX - 10 - 0

BASIC PART #

SPECIFY SHELL FINISH:
- **01** 5,08µm TIN/LEAD OVER NICKEL
- **80** 5,08µm TIN OVER NICKEL (RoHS)
- **15** 0,25µm GOLD OVER NICKEL (RoHS)

SPECIFY CONTACT FINISH:
- **02** 2,54µm TIN/LEAD OVER NICKEL
- **84** 2,54µm TIN OVER NICKEL (RoHS)
- **27** 0,76µm GOLD OVER NICKEL (RoHS)

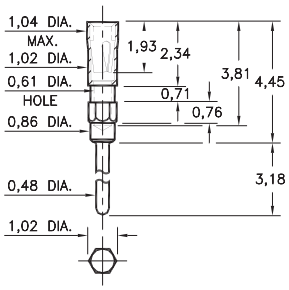
SELECT CONTACT:
#11 or #21 CONTACT (DATA ON PAGE 251)
(For alternate contact choices, see group A on page 248)

Mill-Max Mfg. Corp. • 190 Pine Hollow Road, P.O. Box 300, Oyster Bay, NY 11771 • 516-922-6000 • Fax: 516-922-9253 • www.mill-max.com

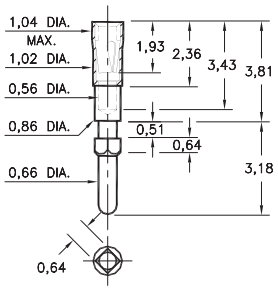
PIN RECEPTACLES

FOR 0,38 - 0,51 DIAMETER PINS (#11 CONTACT) AND 0,38 - 0,56 DIAMETER PINS (#21 CONTACT) (SEE SPECIFIC CONTACT RANGE ON PAGE 251)

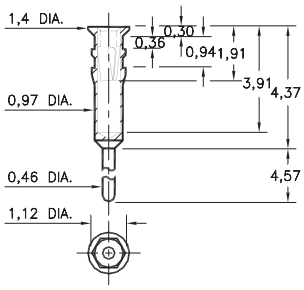
8467
8467-0-15-XX-21-XX-04-0
Hex press-fit in 0,91 plated through-hole



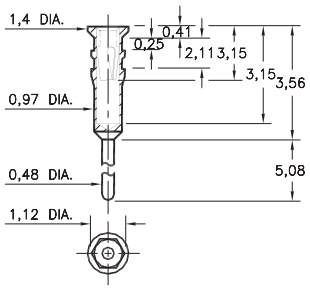
6192
6192-0-15-XX-21-XX-04-0
Square press-fit in 0,81 plated through-hole



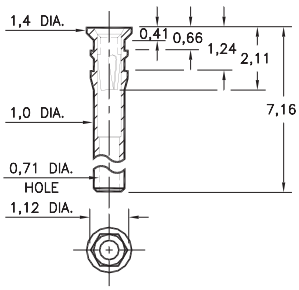
9553
9553-0-15-XX-X1-XX-04-0
Hex press-fit in 1,04 plated through-hole



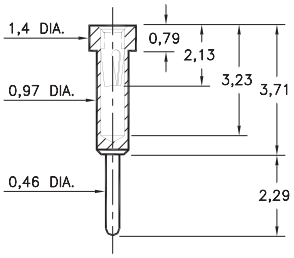
5531
5531-0-15-XX-21-XX-10-0
Hex press-fit in 1,04 plated through-hole



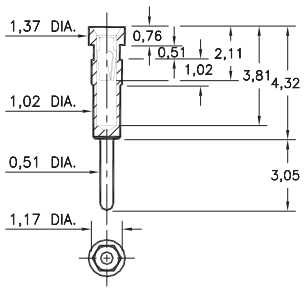
7553
7553-0-15-XX-11-XX-10-0
Hex press-fit in 1,04 plated through-hole



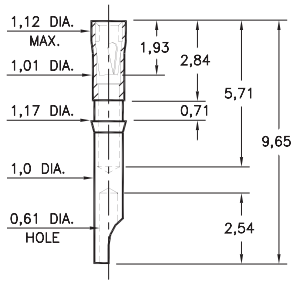
9407
9407-0-15-XX-11-XX-10-0
Solder mount in 1,02 min. mounting hole
Also available on 24mm wide carrier tape:
1,300 parts per 330mm reel
See page 194.1 for Tape & Reel details



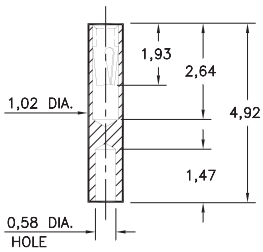
9462
9462-0-15-XX-21-XX-04-0
Hex press-fit in 1,09 plated through-hole



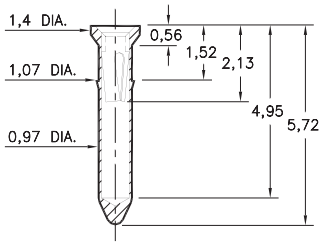
1147
1147-0-18-XX-21-XX-10-0
Press-fit in 1,09 min. mounting hole
Accepts wire sizes up to 0,36 dia.



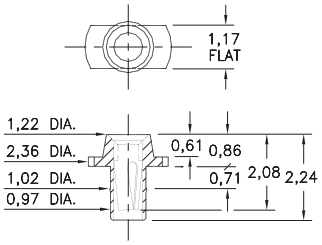
3061
3061-0-19-XX-21-XX-10-0
Wire Crimp Termination. Accepts wire sizes 28 AWG Max. / 32 AWG Min.



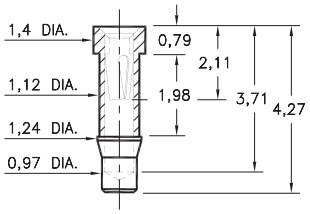
0579
0579-0-15-XX-X1-XX-10-0
Press-fit in 1,02 mounting hole



8874
8874-0-15-XX-11-XX-10-0
Bottom entry surface mount
See page 152 for application details



0613
0613-0-15-XX-21-XX-10-0
Press-fit in 1,19 mounting hole



SPECIFICATIONS:

Shell Material: Brass Alloy 360, 1/2 Hard

Contact Material: Beryllium Copper Alloy 172, HT

Dimensions: Millimeters

Tolerances On: Lengths: ± 0,13
Diameters: ± 0,051
Angles: ± 2 °

RoHS-2 2011/65/EU

ORDER CODE: XXXX - X - 1X - XX - XX - XX - XX - 0

BASIC PART #

SPECIFY SHELL FINISH:
- **01** 5,08µm TIN/LEAD OVER NICKEL
- ◆ **80** 5,08µm TIN OVER NICKEL (RoHS)
- ◆ **15** 0,25µm GOLD OVER NICKEL (RoHS)

SPECIFY CONTACT FINISH:
- **02** 2,54µm TIN/LEAD OVER NICKEL
- ◆ **84** 2,54µm TIN OVER NICKEL (RoHS)
- ◆ **27** 0,76µm GOLD OVER NICKEL (RoHS)

SELECT CONTACT:
#11 or #21 CONTACT (DATA ON PAGE 251)
(For alternate contact choices, see group A on page 248)

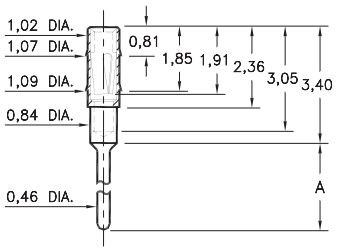
PIN RECEPTACLES

FOR 0,38 - 0,51 DIAMETER PINS (#11 CONTACT) AND 0,38 - 0,56 DIAMETER PINS (#05 & #21 CONTACTS) (SEE SPECIFIC CONTACT RANGE ON PAGE 251)

0489

0489-X-15-XX-11-XX-04-0

Press-fit in 1,04 mounting hole

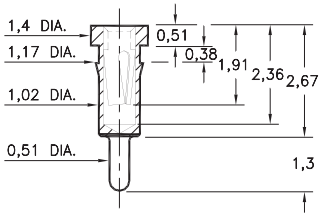


Basic Part Number	Length A
0489-0	2,59
0489-1	5,05
0489-2	7,59

0463

0463-0-15-XX-21-XX-04-0

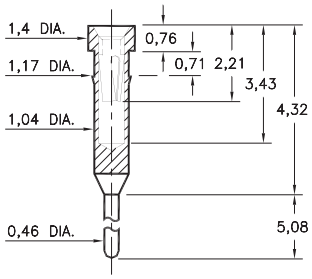
Press-fit in 1,09 mounting hole.
Shell is Phosphor Bronze Alloy 544 (B2)



0466

0466-0-15-XX-21-XX-04-0

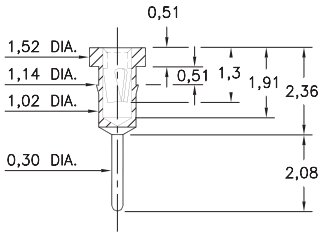
Press-fit in 1,09 mounting hole.
Shell is Phosphor Bronze Alloy 544 (B2)



7491

7491-0-15-XX-09-XX-04-0

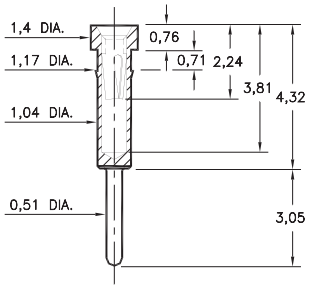
Press-fit in 1,07 mounting hole
∗Contact substitution not recommended



0462

0462-0-15-XX-X1-XX-04-0

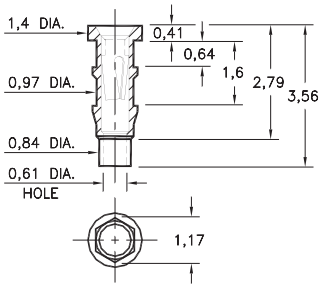
Press-fit in 1,09 mounting hole



0560

0560-0-15-XX-11-XX-10-0

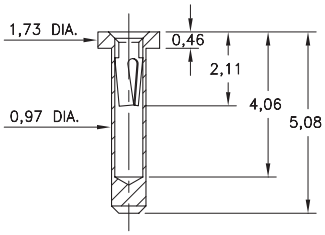
Hex press-fit in 1,09 plated through-hole



5552

5552-0-15-XX-05-XX-10-0

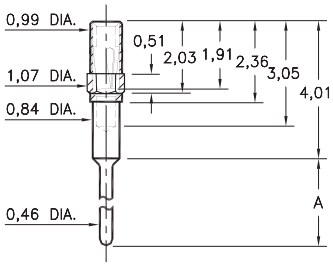
Solder mount in 1,02 min. mounting hole



4890

4890-X-15-XX-11-XX-04-0

Octagonal press-fit in 1,04 mounting hole

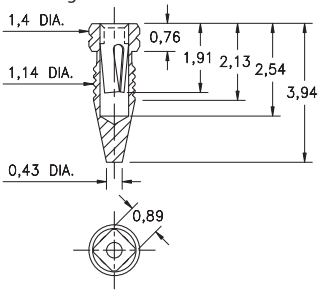


Basic Part Number	Length A
4890-0	2,59
4890-1	5,05
4890-2	7,59

4994

4994-0-15-15-11-27-10-0

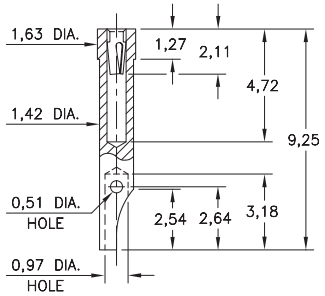
Compliant press-fit in 1,04 - 1,12 dia. mounting hole



4485

4485-0-51-XX-21-XX-10-0

Solder mount in 1,5 min. mounting hole
For wire sizes up to 22 AWG



SPECIFICATIONS:

Shell Material: Brass Alloy 360, 1/2 Hard

Contact Material: Beryllium Copper Alloy 172, HT

Dimensions: Millimeters

Tolerances On: Lengths: ± 0,13
Diameters: ± 0,051
Angles: ± 2 °

RoHS-2 2011/65/EU

ORDER CODE: XXXX - X - XX - XX - XX - XX - XX - 0

BASIC PART #

SPECIFY SHELL FINISH:
- **01** 5,08µm TIN/LEAD OVER NICKEL
- **80** 5,08µm TIN OVER NICKEL (RoHS)
- **15** 0,25µm GOLD OVER NICKEL (RoHS)

SPECIFY CONTACT FINISH:
- **02** 2,54µm TIN/LEAD OVER NICKEL
- **84** 2,54µm TIN OVER NICKEL (RoHS)
- **27** 0,76µm GOLD OVER NICKEL (RoHS)

SELECT CONTACT:
#05, #11 or #21 CONTACT (DATA ON PAGE 251)
(For alternate contact choices, see group A on page 248)

Mill-Max Mfg. Corp. • 190 Pine Hollow Road, P.O. Box 300, Oyster Bay, NY 11771 • 516-922-6000 • Fax: 516-922-9253 • www.mill-max.com

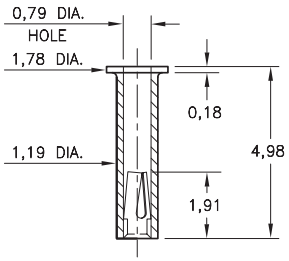
PIN RECEPTACLES

FOR 0,38 - 0,56 DIAMETER PINS

6561

6561-0-15-XX-05-XX-10-0

Solder mount in 1,3 min. mounting hole



SPECIFICATIONS:

Shell Material: Brass Alloy 360, 1/2 Hard

Contact Material: Beryllium Copper Alloy 172, HT

Dimensions: Millimeters

Tolerances On: Lengths: ± 0,13
Diameters: ± 0,051
Angles: ± 2 °

RoHS-2 2011/65/EU

ORDER CODE: XXXX - X - XX - XX - 05 - XX - 10 - 0

BASIC PART #

SPECIFY SHELL FINISH:
- **01** 5,08µm TIN/LEAD OVER NICKEL
- **80** 5,08µm TIN OVER NICKEL (RoHS)
- **15** 0,25µm GOLD OVER NICKEL (RoHS)

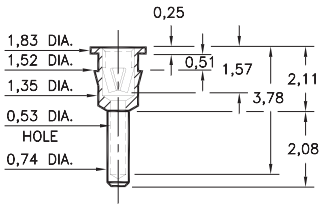
SPECIFY CONTACT FINISH:
- **02** 2,54µm TIN/LEAD OVER NICKEL
- **84** 2,54µm TIN OVER NICKEL (RoHS)
- **27** 0,76µm GOLD OVER NICKEL (RoHS)

SELECT CONTACT:
#05 CONTACT (DATA ON PAGE 251)
(For alternate contact choices, see group A on page 248)

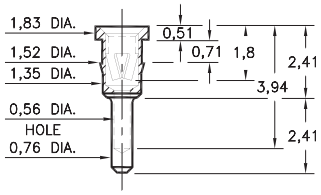
PIN RECEPTACLES

FOR 0,38 - 0,56 DIAMETER PINS

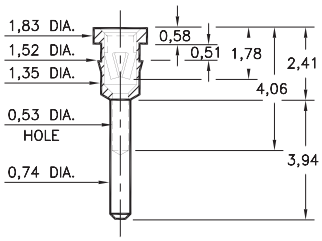
0512
0512-0-15-XX-12-XX-04-0
Press-fit in 1,45 mounting hole



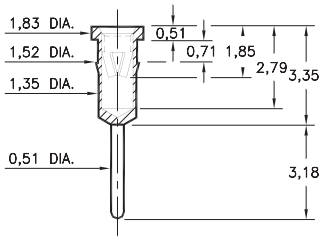
0703
0703-0-15-XX-12-XX-04-0
Press-fit in 1,45 mounting hole



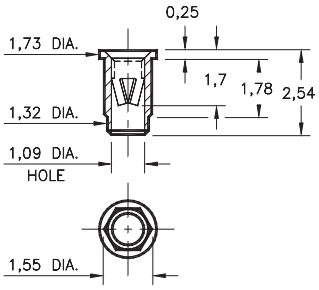
0574
0574-0-15-XX-12-XX-04-0
Press-fit in 1,45 mounting hole



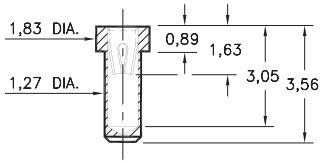
0468 *
0468-0-15-XX-12-XX-04-0
Press-fit in 1,45 mounting hole



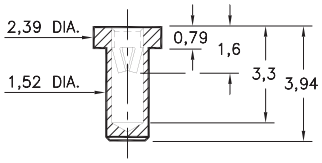
8894 *
8894-0-15-XX-12-XX-10-0
Hex press-fit in 1,5 plated through-hole



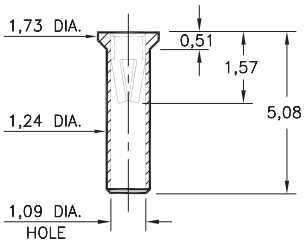
0550 *
0550-0-15-XX-22-XX-10-0
Solder mount in 1,32 min. mounting hole
Also available on 16mm wide carrier tape:
1,700 parts per 330mm reel
See page 194.4 for Tape & Reel details



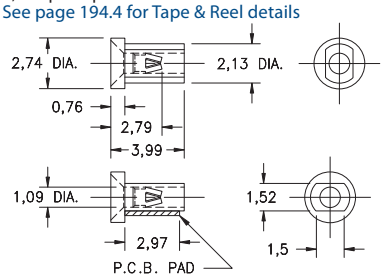
0671 *
0671-0-15-XX-12-XX-10-0
Solder mount in 1,6 min. mounting hole



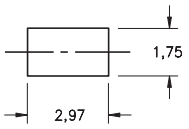
0707 *
0707-0-15-XX-12-XX-10-0
Solder mount in 1,3 min. mounting hole



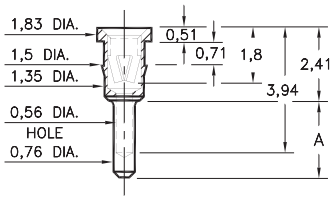
5739 *
5739-0-18-XX-12-XX-10-0
Surface mount
Also available on 16mm wide carrier tape:
3,000 parts per 330mm reel
See page 194.4 for Tape & Reel details



P.C.B. Layout



1534
1534-X-15-XX-12-XX-04-0
Press-fit in 1,42 mounting hole



Basic Part Number	Length A
1534-0	2,41
1534-1	3,18

SPECIFICATIONS:

Shell Material: Brass Alloy 360, 1/2 Hard

Contact Material: Beryllium Copper Alloy 172, HT

Dimensions: Millimeters

Tolerances On: Lengths: ± 0,13
Diameters: ± 0,051
Angles: ± 2 °

RoHS-2 2011/65/EU

ORDER CODE: XXXX - X - XX - XX - XX - XX - XX - 0

BASIC PART #

SPECIFY SHELL FINISH:
- **01** 5,08µm TIN/LEAD OVER NICKEL
- ◆ **80** 5,08µm TIN OVER NICKEL (RoHS)
- ◆ **15** 0,25µm GOLD OVER NICKEL (RoHS)

SPECIFY CONTACT FINISH:
- **02** 2,54µm TIN/LEAD OVER NICKEL
- ◆ **84** 2,54µm TIN OVER NICKEL (RoHS)
- ◆ **27** 0,76µm GOLD OVER NICKEL (RoHS)

SELECT CONTACT:
#12 or #22 CONTACT (DATA ON PAGE 252)

* (Contact may be interchanged with group B or C contact on page 248)

Mill-Max Mfg. Corp. • 190 Pine Hollow Road, P.O. Box 300, Oyster Bay, NY 11771 • 516-922-6000 • Fax: 516-922-9253 • www.mill-max.com

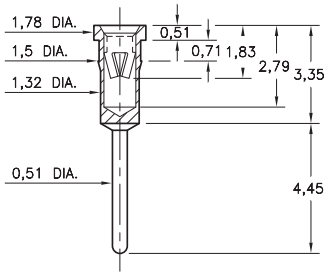
PIN RECEPTACLES

FOR 0,38 - 0,56 DIAMETER PINS

9900

9900-0-15-XX-22-XX-04-0

Press-fit in 1,42 mounting hole



SPECIFICATIONS:

Shell Material: Brass Alloy 360, 1/2 Hard

Contact Material: Beryllium Copper Alloy 172, HT

Dimensions: Millimeters

Tolerances On: Lengths: ± 0,13
Diameters: ± 0,051
Angles: ± 2 °

RoHS-2 2011/65/EU

ORDER CODE: XXXX - X - XX - XX - 22 - XX - 10 - 0

BASIC PART #

SPECIFY SHELL FINISH:
- **01** 5,08µm TIN/LEAD OVER NICKEL
- **80** 5,08µm TIN OVER NICKEL (RoHS)
- **15** 0,25µm GOLD OVER NICKEL (RoHS)

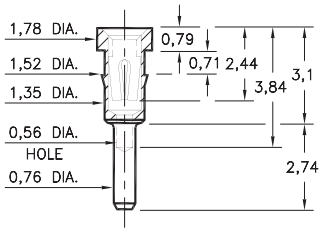
SPECIFY CONTACT FINISH:
- **02** 2,54µm TIN/LEAD OVER NICKEL
- **84** 2,54µm TIN OVER NICKEL (RoHS)
- **27** 0,76µm GOLD OVER NICKEL (RoHS)

SELECT CONTACT:
#22 CONTACT (DATA ON PAGE 252)
(For alternate contact choices, see group B on page 248)

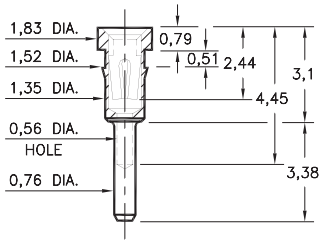
PIN RECEPTACLES

FOR 0,38 - 0,64 DIAMETER PINS

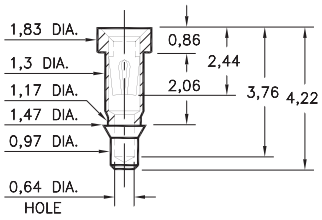
0501
0501-0-15-XX-30-XX-04-0
Press-fit in 1,45 mounting hole



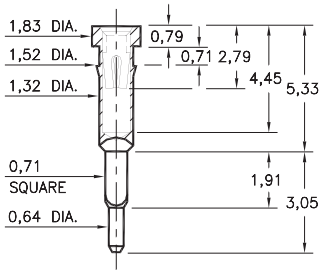
8427
8427-0-15-XX-30-XX-04-0
Press-fit in 1,45 mounting hole



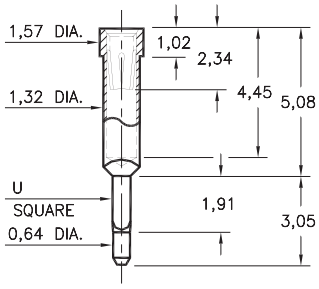
1434
1434-0-15-XX-30-XX-10-0
Press-fit in 1,4 mounting hole



9970
9970-0-15-XX-30-XX-04-0
Square press-fit in 0,81 ± 0,05 plated through-hole

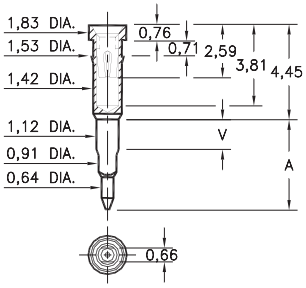


5970
5970-X-15-XX-32-XX-04-0
Square press-fit for 0,81 or 1,0 ± 0,05 plated through-hole



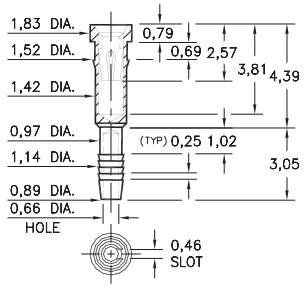
Basic Part Number	U Square	Mounting Hole
5970-1	0,71	0,81
5970-2	0,86	1,0

0477/0478
047X-0-18-XX-30-XX-04-0
Solderless press-fit in 0,97 +0,08 / -0,05 plated through-hole (use 1.1mm drill prior to plating)

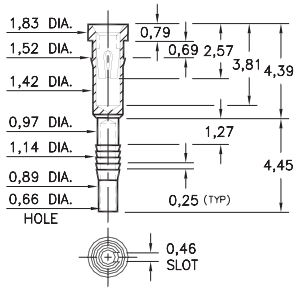


Basic Part Number	Board Thick-ness	Length V	Length A
0477-0	1,57	1,91	4,45
0478-0	3,18	3,56	6,35

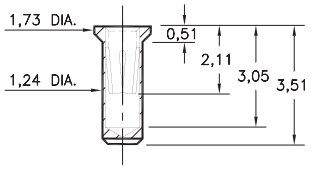
4612
4612-0-31-XX-30-XX-04-0
Compliant press-fit in 1,02 ± 0,08 plated through-hole. For 1,52 → 2,54 thick board



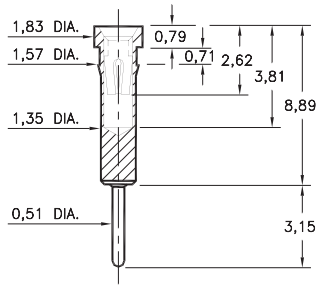
4613
4613-0-31-XX-30-XX-04-0
Compliant press-fit in 1,02 ± 0,08 plated through-hole. For 2,29 → 3,30 thick board



0680
0680-0-15-XX-32-XX-10-0
Solder mount in 1,3 min. mounting hole
Also available on 16mm wide carrier tape: 1,700 parts per 330mm reel
See page 194.7 for Tape & Reel details



0149
0149-0-15-XX-30-XX-04-0
Press-fit in 1,5 mounting hole



SPECIFICATIONS:

Shell Material: Brass Alloy 360, 1/2 Hard

Contact Material: Beryllium Copper Alloy 172, HT

Dimensions: Millimeters

Tolerances On: Lengths: ± 0,13
Diameters: ± 0,051
Angles: ± 2 °

RoHS-2 2011/65/EU

ORDER CODE: XXXX - X - XX - XX - XX - XX - XX - 0

BASIC PART #

SPECIFY SHELL FINISH:
- **01** 5,08µm TIN/LEAD OVER NICKEL
- **80** 5,08µm TIN OVER NICKEL (RoHS)
- **15** 0,25µm GOLD OVER NICKEL (RoHS)

SPECIFY CONTACT FINISH:
- **02** 2,54µm TIN/LEAD OVER NICKEL
- **84** 2,54µm TIN OVER NICKEL (RoHS)
- **27** 0,76µm GOLD OVER NICKEL (RoHS)

SELECT CONTACT:
#30 or #32 CONTACT (DATA ON PAGE 253)
(For alternate contact choices, see groups B and C on page 248)

Mill-Max Mfg. Corp. • 190 Pine Hollow Road, P.O. Box 300, Oyster Bay, NY 11771 • 516-922-6000 • Fax: 516-922-9253 • www.mill-max.com

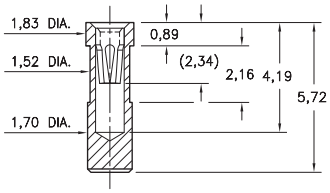
PIN RECEPTACLES

FOR 0,38 - 0,64 DIAMETER PINS

3530

3530-0-15-XX-30-XX-10-0

Also available in HSMT connector series:
835-XX-0XX-40-030001
1,450 parts per 330mm reel
See page 87.3 for Tape & Reel details



SPECIFICATIONS:

Shell Material: Brass Alloy 360, 1/2 Hard

Contact Material: Beryllium Copper Alloy 172, HT

Dimensions: Millimeters

Tolerances On: Lengths: ± 0,13
Diameters: ± 0,051
Angles: ± 2 °

RoHS-2 2011/65/EU

ORDER CODE: XXXX - 0 - 15 - XX - 30 - XX - 10 - 0

BASIC PART #

SPECIFY SHELL FINISH:
- **01** 5,08µm TIN/LEAD OVER NICKEL
- **80** 5,08µm TIN OVER NICKEL (RoHS)
- **15** 0,25µm GOLD OVER NICKEL (RoHS)

SELECT CONTACT:
#30 CONTACT
(For alternate contact choices, see group A on page 248)

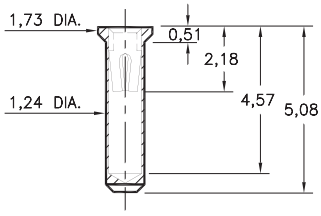
SPECIFY CONTACT FINISH:
- **02** 2,54µm TIN/LEAD OVER NICKEL
- **84** 2,54µm TIN OVER NICKEL (RoHS)
- **27** 0,76µm GOLD OVER NICKEL (RoHS)

PIN RECEPTACLES

FOR 0,38 - 0,64 DIAMETER PINS

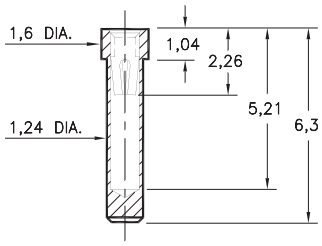
0660
0660-0-15-XX-30-XX-10-0

Solder mount in 1,3 min. mounting hole
Also available on 24mm wide carrier tape:
1,500 parts per 330mm reel
See page 194.6 for Tape & Reel details



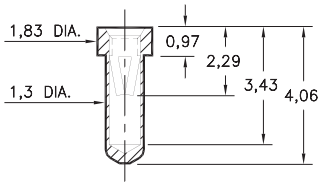
0677
0677-0-15-XX-30-XX-10-0

Solder mount in 1,3 min. mounting hole
Also available on 24mm wide carrier tape:
1,200 parts per 330mm reel
See page 194.6 for Tape & Reel details



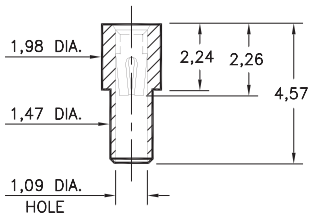
0555
0555-0-15-XX-32-XX-10-0

Solder mount in 1,35 min. mounting hole
Also available on 16mm wide carrier tape:
1,800 parts per 330mm reel
See page 194.7 for Tape & Reel details



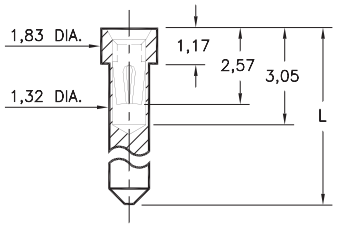
0558
0558-0-15-XX-30-XX-10-0

Solder mount in 1,55 min. mounting hole



0675/0679
067X-0-15-XX-30-XX-10-0

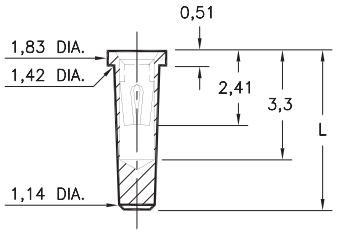
Solder mount in 1,37 min. mounting hole



Basic Part Number	Length L
0675-0	3,68
0679-0	5,16

1065/1066/7065
X06X-0-15-XX-30-XX-10-0

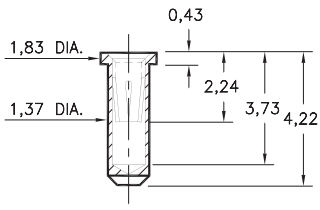
Solder mount in 1,4 min. mounting hole



Basic Part Number	Length L
1065-0	4,83
1066-0	4,06
7065-0	4,6

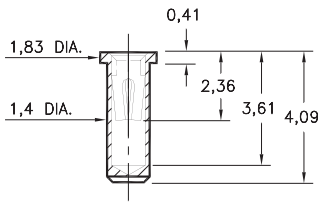
0682
0682-0-15-XX-32-XX-10-0

Solder mount in 1,42 min. mounting hole
Also available on 16mm wide carrier tape:
1,500 parts per 330mm reel
See page 194.7 for Tape & Reel details



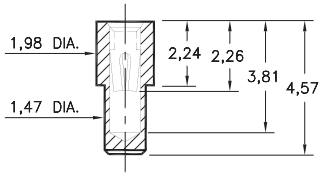
0667
0667-0-15-XX-30-XX-10-0

Solder mount in 1,45 min. mounting hole
Also available on 16mm wide carrier tape:
1,700 parts per 330mm reel
See page 194.5 for Tape & Reel details



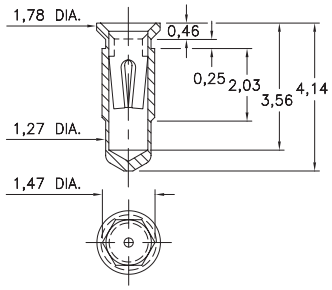
0665
0665-0-15-XX-30-XX-10-0

Solder mount in 1,55 min. mounting hole
Also available on 16mm wide carrier tape:
1,580 parts per 330mm reel
See page 194.5 for Tape & Reel details



4286
4286-0-15-XX-30-XX-10-0

Hex press-fit in 1,4 plated through-hole



SPECIFICATIONS:

Shell Material: Brass Alloy 360, 1/2 Hard

Contact Material: Beryllium Copper Alloy 172, HT

Dimensions: Millimeters

Tolerances On: Lengths: ± 0,13
Diameters: ± 0,051
Angles: ± 2 °

RoHS-2 2011/65/EU

ORDER CODE: XXXX - X - XX - XX - XX - XX - 10 - 0

BASIC PART #

SPECIFY SHELL FINISH:
- **01** 5,08µm TIN/LEAD OVER NICKEL
- **80** 5,08µm TIN OVER NICKEL (RoHS)
- **15** 0,25µm GOLD OVER NICKEL (RoHS)

SPECIFY CONTACT FINISH:
- **02** 2,54µm TIN/LEAD OVER NICKEL
- **84** 2,54µm TIN OVER NICKEL (RoHS)
- **27** 0,76µm GOLD OVER NICKEL (RoHS)

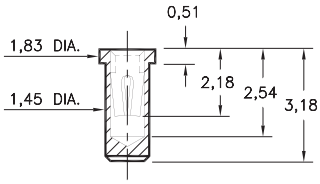
SELECT CONTACT:
#30 or #32 CONTACT (DATA ON PAGE 253)
(For alternate contact choices, see groups B and C on page 248)

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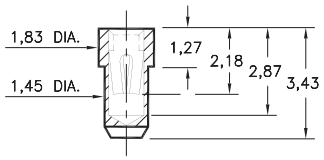
PIN RECEPTACLES

FOR 0,38 - 0,64 DIAMETER PINS

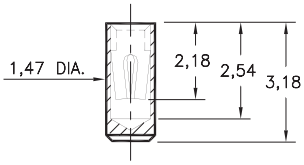
0669
0669-0-15-XX-30-XX-10-0
Solder mount in 1,52 min. mounting hole
Also available on 16mm wide carrier tape:
1,700 parts per 330mm reel
See page 194.5 for Tape & Reel details



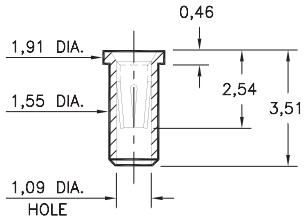
0670
0670-0-15-XX-30-XX-10-0
Solder mount in 1,52 min. mounting hole
Also available on 16mm wide carrier tape:
2,000 parts per 330mm reel
See page 194.5 for Tape & Reel details



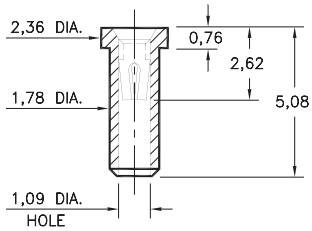
0673
0673-0-15-XX-30-XX-10-0
Surface mount
Also available on 16mm wide carrier tape:
2,300 parts per 330mm reel
See page 194.6 for Tape & Reel details



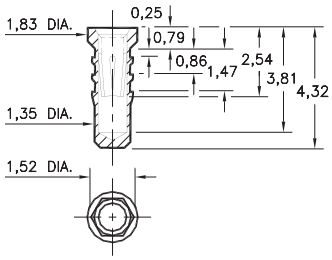
0666
0666-0-15-XX-32-XX-10-0
Solder mount in 1,63 min. mounting hole
Also available on 16mm wide carrier tape:
2,000 parts per 330mm reel
See page 194.7 for Tape & Reel details



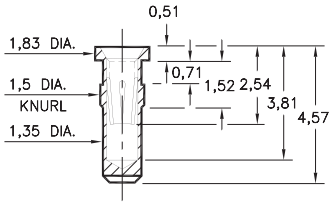
0341
0341-0-15-XX-30-XX-10-0
Solder mount in 1,85 mounting hole
Also available on 12mm wide carrier tape:
1,400 parts per 330mm reel
See page 194.5 for Tape & Reel details



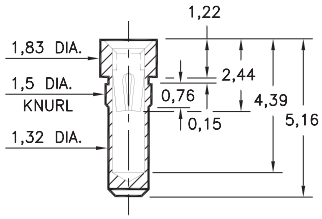
0252
0252-0-15-XX-32-XX-10-0
Hex press-fit in 1,45 plated through-hole



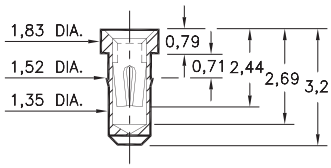
0678
0678-0-15-XX-32-XX-10-0
Press-fit in 1,45 mounting hole



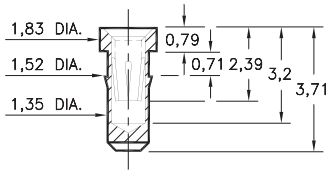
0676
0676-0-15-XX-30-XX-10-0
Press-fit in 1,45 mounting hole



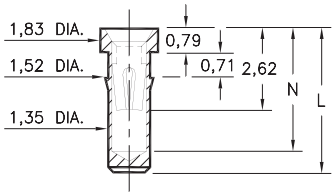
0697
0697-0-15-XX-30-XX-10-0
Press-fit in 1,45 mounting hole



0668
0668-0-15-XX-30-XX-10-0
Press-fit in 1,45 mounting hole



0253/1033
XXX3-0-15-XX-30-XX-10-0
Press-fit in 1,45 mounting hole



Basic Part Number	Length L	Depth N
0253-0	4,39	3,76
1033-0	5,16	4,11

SPECIFICATIONS:

Shell Material: Brass Alloy 360, 1/2 Hard

Contact Material: Beryllium Copper Alloy 172, HT

Dimensions: Millimeters

Tolerances On: Lengths: ± 0,13
Diameters: ± 0,051
Angles: ± 2 °

RoHS-2 2011/65/EU

ORDER CODE: XXXX - X - XX - XX - XX - XX - 10 - 0

BASIC PART #

SPECIFY SHELL FINISH:
- **01** 5,08µm TIN/LEAD OVER NICKEL
- **80** 5,08µm TIN OVER NICKEL (RoHS)
- **15** 0,25µm GOLD OVER NICKEL (RoHS)

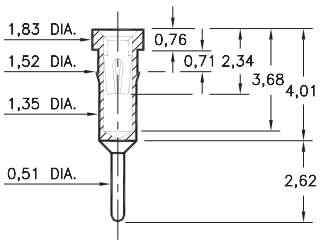
SPECIFY CONTACT FINISH:
- **02** 2,54µm TIN/LEAD OVER NICKEL
- **84** 2,54µm TIN OVER NICKEL (RoHS)
- **27** 0,76µm GOLD OVER NICKEL (RoHS)

SELECT CONTACT:
#30 or #32 CONTACT (DATA ON PAGE 253)
(For alternate contact choices, see groups B and C on page 248)

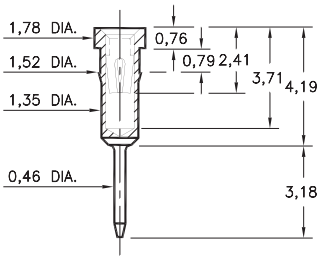
PIN RECEPTACLES

FOR 0,38 - 0,64 DIAMETER PINS

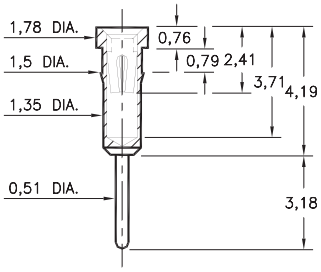
4011
4011-0-15-XX-30-XX-04-0
Press-fit in 1,45 mounting hole



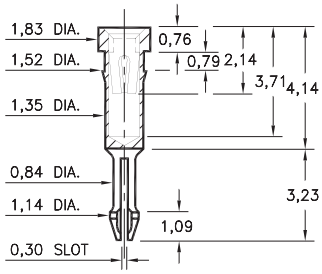
1801
1801-0-15-XX-30-XX-04-0
Press-fit in 1,45 mounting hole.
Shell is Phosphor Bronze Alloy 544 (B2)



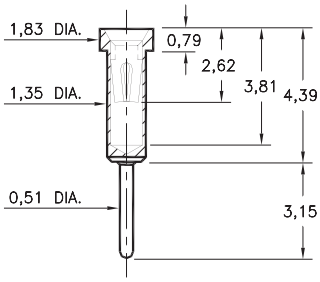
1001
1001-0-15-XX-3X-XX-04-0
Press-fit in 1,45 mounting hole



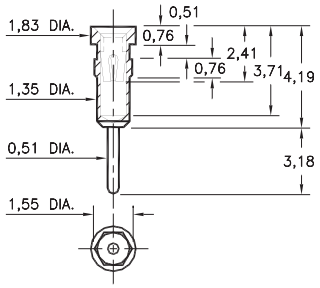
0156
0156-0-18-XX-30-XX-04-0
Self-retention socket pin 0,97 - 1,09 hole prior to soldering



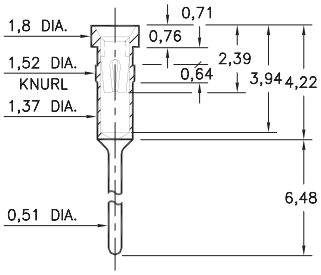
0255
0255-0-15-XX-30-XX-04-0
Solder mount in 0,56 min. mounting hole



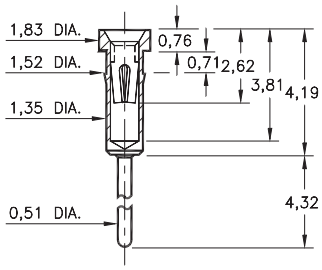
1109
1109-0-15-XX-30-XX-04-0
Hex press-fit in 1,45 plated through-hole



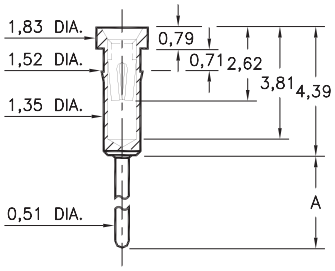
3013
3013-0-15-XX-32-XX-04-0
Press-fit in 1,45 mounting hole



0134
0134-0-15-XX-3X-XX-04-0
Press-fit in 1,45 mounting hole

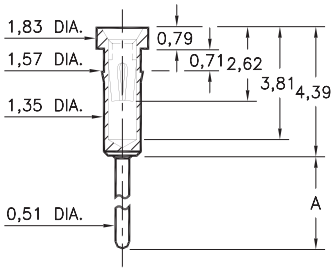


0132/0135
013X-0-15-XX-30-XX-04-0
Press-fit in 1,45 mounting hole



Basic Part Number	Length A
0132-0	6,93
0135-0	4,65

0133/0147
01XX-0-15-XX-30-XX-04-0
Press-fit in 1,5 mounting hole



Basic Part Number	Length A
0133-0	9,7
0147-0	14,3

SPECIFICATIONS:

Shell Material: Brass Alloy 360, 1/2 Hard

Contact Material: Beryllium Copper Alloy 172, HT

Dimensions: Millimeters

Tolerances On: Lengths: ± 0,13
Diameters: ± 0,051
Angles: ± 2 °

RoHS-2 2011/65/EU

ORDER CODE: XXXX - X - 15 - XX - XX - XX - 10 - 0

BASIC PART #

SPECIFY SHELL FINISH:
- **01** 5,08µm TIN/LEAD OVER NICKEL
- **80** 5,08µm TIN OVER NICKEL (RoHS)
- **15** 0,25µm GOLD OVER NICKEL (RoHS)

SPECIFY CONTACT FINISH:
- **02** 2,54µm TIN/LEAD OVER NICKEL
- **84** 2,54µm TIN OVER NICKEL (RoHS)
- **27** 0,76µm GOLD OVER NICKEL (RoHS)

SELECT CONTACT:
#30 or #32 CONTACT (DATA ON PAGE 253)
(For alternate contact choices, see groups B and C on page 248)

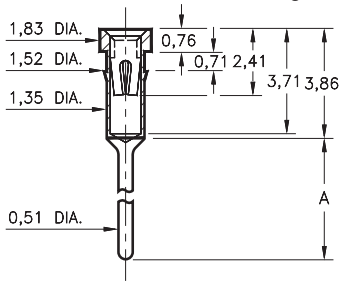
PIN RECEPTACLES

FOR 0,38 - 0,64 DIAMETER PINS

1005/1013/8898

XXXX-0-15-XX-3X-XX-04-0

Press-fit in 1,45 mounting hole
Annealed brass shell for auto-clinching ∗



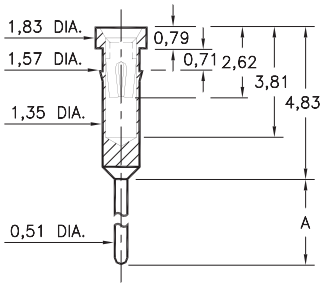
Basic Part Number	Length A
1005-0	3,51
1013-0	4,19
8898-0	5,69

∗ NOTE: 8898 is not annealed & not suitable for auto-clinching

0145/0146

014X-0-15-XX-30-XX-04-0

Press-fit in 1,5 mounting hole

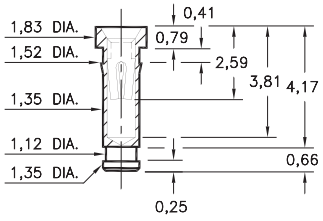


Basic Part Number	Length A
0145-0	7,62
0146-0	10,41

4378

4378-0-15-XX-30-XX-10-0

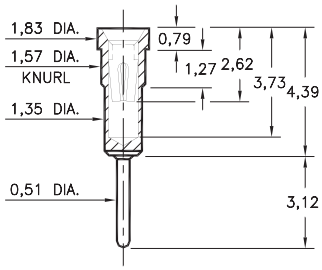
Press-fit in 1,45 mounting hole



0556

0556-0-15-XX-30-XX-04-0

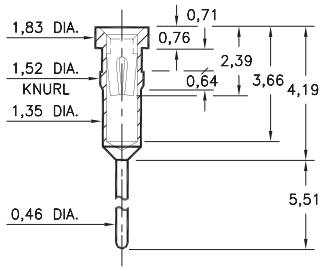
Press-fit in 1,5 mounting hole



1103

1103-0-15-XX-30-XX-04-0

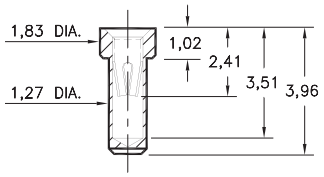
Press-fit in 1,45 mounting hole



9234

9234-0-15-XX-30-XX-10-0

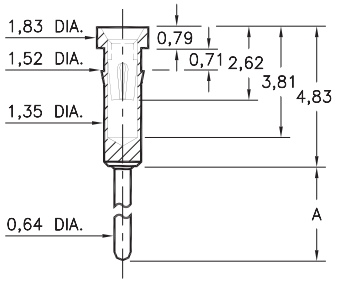
Solder mount in 1,32 min. mounting hole



0136/37/38/39/41/48/52

01XX-0-15-XX-30-XX-04-0

Press-fit in 1,45 mounting hole

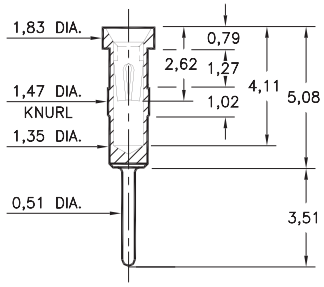


Basic Part Number	Length A
0136-0	30,86
0137-0	14,22
0138-0	5,33
0139-0	16,13
0141-0	17,78
0148-0	11,56
0152-0	10,41

0447

0447-0-15-XX-30-XX-04-0

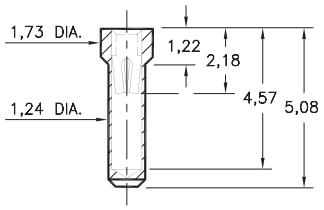
Press-fit in 1,42 mounting hole



5660

5660-0-15-XX-30-XX-10-0

Solder mount in 1,3 min. mounting hole



SPECIFICATIONS:

Shell Material: Brass Alloy 360, 1/2 Hard

Contact Material: Beryllium Copper Alloy 172, HT

Dimensions: Millimeters

Tolerances On: Lengths: ± 0,13
Diameters: ± 0,051
Angles: ± 2 °

RoHS-2 2011/65/EU

ORDER CODE: XXXX - X - 15 - XX - XX - XX - XX - 0

BASIC PART #

SPECIFY SHELL FINISH:
- **01** 5,08µm TIN/LEAD OVER NICKEL
- ◆ **80** 5,08µm TIN OVER NICKEL (RoHS)
- ◆ **15** 0,25µm GOLD OVER NICKEL (RoHS)

SPECIFY CONTACT FINISH:
- **02** 2,54µm TIN/LEAD OVER NICKEL
- ◆ **84** 2,54µm TIN OVER NICKEL (RoHS)
- ◆ **27** 0,76µm GOLD OVER NICKEL (RoHS)

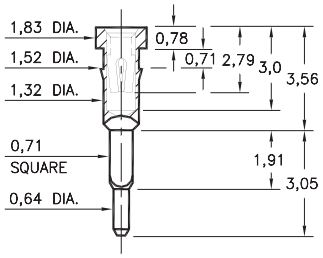
SELECT CONTACT:
#30 or #32 CONTACT (DATA ON PAGE 253)
(For alternate contact choices, see groups B and C on page 248)

Mill-Max Mfg. Corp. • 190 Pine Hollow Road, P.O. Box 300, Oyster Bay, NY 11771 • 516-922-6000 • Fax: 516-922-9253 • www.mill-max.com

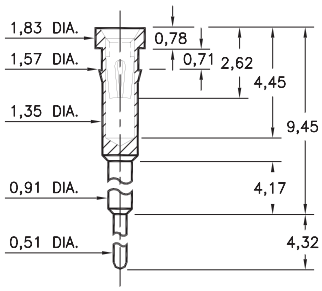
PIN RECEPTACLES

FOR 0,38 - 0,64 DIAMETER PINS

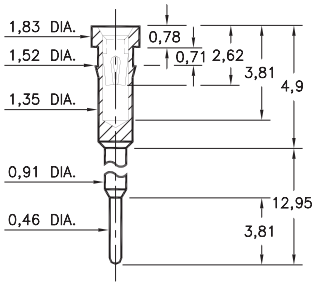
7132
7132-0-15-XX-30-XX-04-0
Square press-fit for 0,81 ± 0,05 plated through-hole



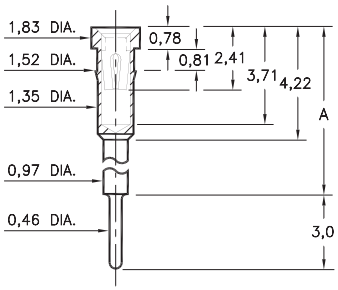
1038
1038-0-15-XX-30-XX-04-0
Press-fit in 1,5 mounting hole



1261
1261-0-15-XX-30-XX-04-0
Press-fit in 1,45 mounting hole

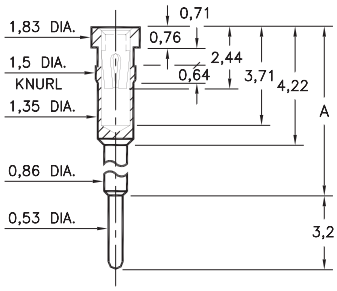


0153
0153-X-15-XX-30-XX-04-0
Press-fit in 1,45 mounting hole



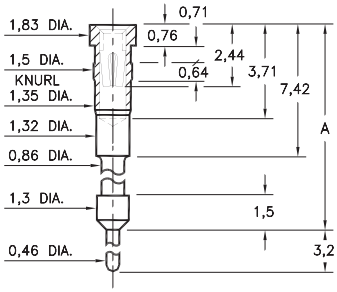
Basic Part Number	Height A
0153-1	5,99
0153-2	8,0
0153-3	10,21
0153-4	11,99
0153-5	15,09
0153-6	17,75

1602/1610
16XX-0-15-XX-30-XX-04-0
Press-fit in 1,45 mounting hole



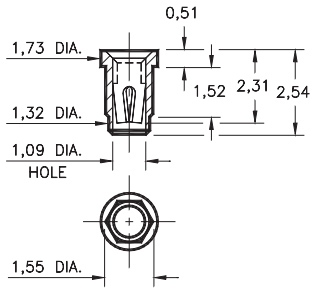
Basic Part Number	Height A
1602-0	11,2
1610-0	16,31

0903/0904
090X-0-15-XX-30-XX-04-0
Press-fit in 1,45 mounting hole

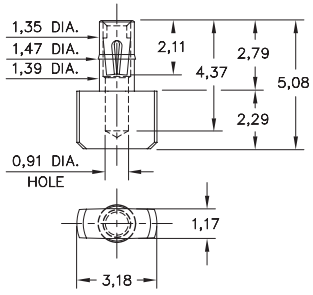


Basic Part Number	Height A
0903-0	21,36
0904-0	28,98

8252
8252-0-15-XX-30-XX-10-0
Press-fit in 1,45 plated through-hole



4078
4078-0-15-XX-30-XX-40-0
Press-fit in 1,45 mounting hole



SPECIFICATIONS:

Shell Material: Brass Alloy 360, 1/2 Hard

Contact Material: Beryllium Copper Alloy 172, HT

Dimensions: Millimeters

Tolerances On: Lengths: ± 0,13
Diameters: ± 0,051
Angles: ± 2 °

RoHS-2 2011/65/EU

ORDER CODE: XXXX - X - 15 - XX - 30 - XX - XX - 0

BASIC PART #

SPECIFY SHELL FINISH:
- **01** 5,08µm TIN/LEAD OVER NICKEL
- **80** 5,08µm TIN OVER NICKEL (RoHS)
- **15** 0,25µm GOLD OVER NICKEL (RoHS)

SPECIFY CONTACT FINISH:
- **02** 2,54µm TIN/LEAD OVER NICKEL
- **84** 2,54µm TIN OVER NICKEL (RoHS)
- **27** 0,76µm GOLD OVER NICKEL (RoHS)

SELECT CONTACT:
#30 CONTACT (DATA ON PAGE 253
(For alternate contact choices, see groups B and C on page 248)

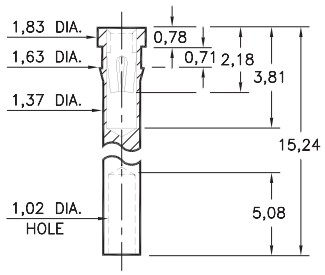
MILL-MAX® *Mill-Max Mfg. Corp. • 190 Pine Hollow Road, P.O. Box 300, Oyster Bay, NY 11771 • 516-922-6000 • Fax: 516-922-9253 • www.mill-max.com*

PIN RECEPTACLES

FOR 0,38 - 0,64 DIAMETER PINS

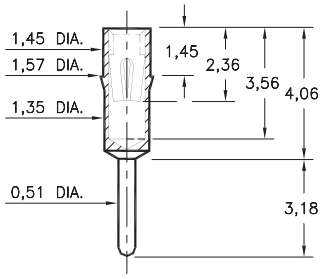
1707
1707-0-19-XX-30-XX-10-0

Press-fit in 1,55 mounting hole
Wire Crimp Termination. Accepts wire sizes 22 AWG Max. / 24 AWG Min.



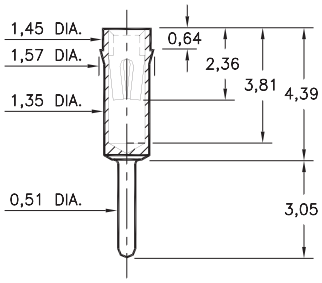
0240
0240-0-15-XX-30-XX-04-0

Press-fit in 1,49 mounting hole



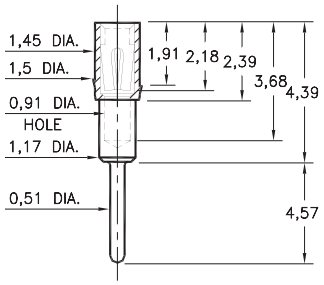
0307
0307-0-15-XX-30-XX-04-0

Press-fit in 1,5 mounting hole



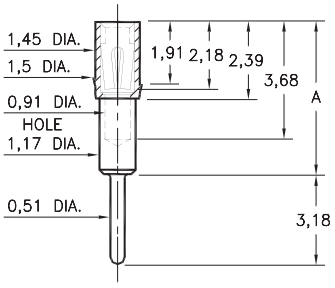
1753
1753-0-15-XX-30-XX-04-0

Press-fit in 1,45 mounting hole



1705/1706/1762
17XX-0-15-XX-3X-XX-04-0

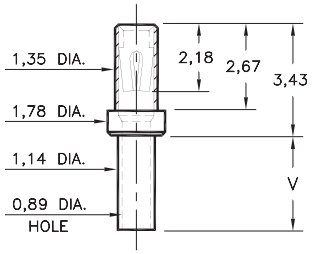
Press-fit in 1,45 mounting hole



Basic Part Number	Height A
1705-0	4,19
1706-0	5,54
1762-0	7,62

0672
0672-X-15-XX-30-XX-10-0

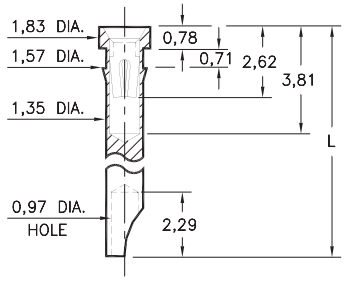
Swage mount in 1,24 hole



Basic Part Number	Board Thickness	Length V
0672-1	0,79	1,32
0672-2	1,57	2,13
0672-3	2,39	2,92
0672-4	3,18	3,71

1024/1104
1XX4-0-18-XX-30-XX-10-0

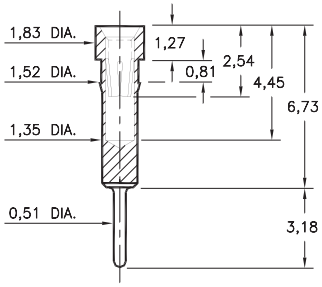
Press-fit in 1,5 mounting hole
Accepts wire sizes up to 0,71 dia.



Basic Part Number	Length L
1024-0	7,37
1104-0	11,43

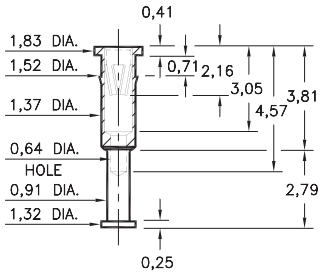
0498
0498-0-15-XX-35-XX-04-0

Press-fit in 1,45 mounting hole



8131
8131-0-15-XX-30-XX-10-0

Press-fit in 1,45 mounting hole



SPECIFICATIONS:

Shell Material: Brass Alloy 360, 1/2 Hard

Contact Material: Beryllium Copper Alloy 172, HT

Dimensions: Millimeters

Tolerances On: Lengths: ± 0,13
Diameters: ± 0,051
Angles: ± 2 °

RoHS-2 2011/65/EU

ORDER CODE: XXXX - X - 1X - XX - XX - XX - XX - 0

BASIC PART #

SPECIFY SHELL FINISH:
- **01** 5,08µm TIN/LEAD OVER NICKEL
- **80** 5,08µm TIN OVER NICKEL (RoHS)
- **15** 0,25µm GOLD OVER NICKEL (RoHS)

SPECIFY CONTACT FINISH:
- **02** 2,54µm TIN/LEAD OVER NICKEL
- **84** 2,54µm TIN OVER NICKEL (RoHS)
- **27** 0,76µm GOLD OVER NICKEL (RoHS)

SELECT CONTACT:
#30 or #35 CONTACT (DATA ON PAGE 253 & 254)
(For alternate contact choices, see groups B and C on page 248)

Mill-Max Mfg. Corp. • 190 Pine Hollow Road, P.O. Box 300, Oyster Bay, NY 11771 • 516-922-6000 • Fax: 516-922-9253 • www.mill-max.com

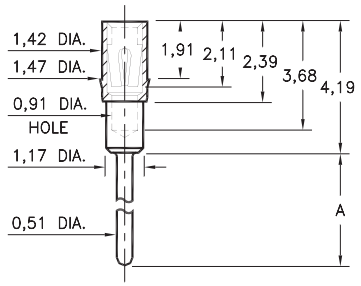
PIN RECEPTACLES

FOR 0,38 - 0,64 DIAMETER PINS

1802/3802/4030/8866

XXXX-0-15-XX-43-XX-04-0

Press-fit in 1,45 mounting hole

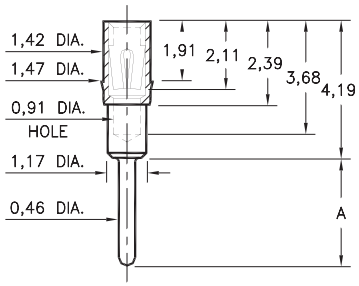


Basic Part Number	Length A
1802-0	3,18
3802-0	4,19
8866-0	19,69
4030-0	20,70

1803/1805/1808/3805

XXXX-0-15-XX-XX-XX-04-0

Press-fit in 1,45 mounting hole

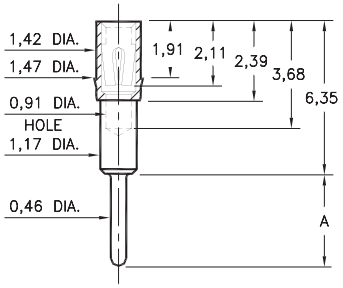


Basic Part Number	Length A
1808-0	2,54
1803-0	3,68
1805-0	5,41
3805-0	9,98

1804/1806

180X-0-15-XX-43-XX-04-0

Press-fit in 1,45 mounting hole

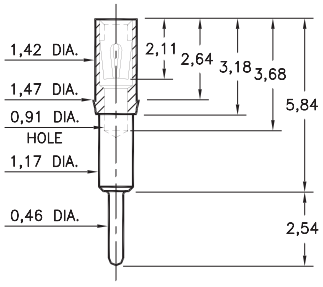


Basic Part Number	Length A
1804-0	2,03
1806-0	2,92

1807

1807-0-15-XX-43-XX-04-0

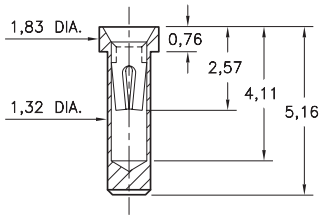
Press-fit in 1,45 mounting hole



4728

4728-15-XX-30-XX-10-0

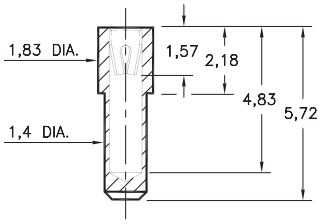
Solder mount in 1,37 min. mounting hole



8830

8830-15-XX-22-XX-10-0

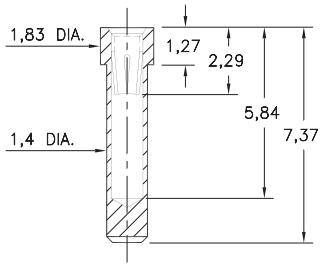
Solder mount in 1,45 min. mounting hole



8363

8363-0-15-XX-35-XX-10-0

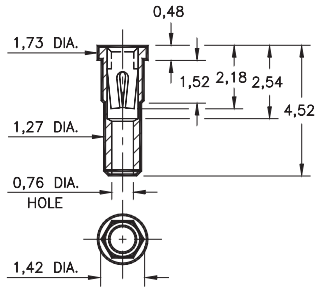
Solder mount in 1,45 min. mounting hole



4622

4622-0-15-XX-30-XX-10-0

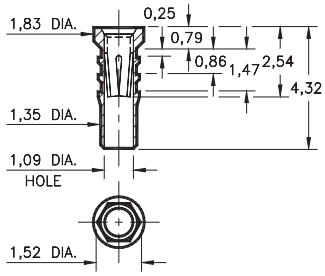
Hex press-fit in 1,35 plated through-hole



6252

6252-0-15-XX-32-XX-10-0

Hex press-fit in 1,45 plated through-hole



SPECIFICATIONS:

Shell Material: Brass Alloy 360, 1/2 Hard

Contact Material: Beryllium Copper Alloy 172, HT

Dimensions: Millimeters

Tolerances On: Lengths: ±0,13
Diameters: ±0,051
Angles: ±2°

RoHS-2 2011/65/EU

ORDER CODE: XXXX - X - 15 - XX - XX - XX - XX - 0

BASIC PART #

SPECIFY SHELL FINISH:
- **01** 5,08µm TIN/LEAD OVER NICKEL
- **80** 5,08µm TIN OVER NICKEL (RoHS)
- **15** 0,25µm GOLD OVER NICKEL (RoHS)

SPECIFY CONTACT FINISH:
- **02** 2,54µm TIN/LEAD OVER NICKEL
- **84** 2,54µm TIN OVER NICKEL (RoHS)
- **27** 0,76µm GOLD OVER NICKEL (RoHS)

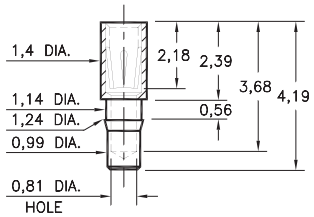
SELECT CONTACT:

#22, #30, #32 or #43 CONTACT (DATA ON PAGES 252, 253 & 254)
(For alternate contact choices, see groups B and C on page 248)

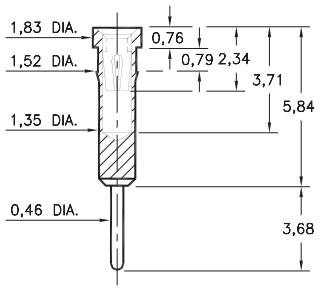
PIN RECEPTACLES

FOR 0,38 - 0,64 DIAMETER PINS

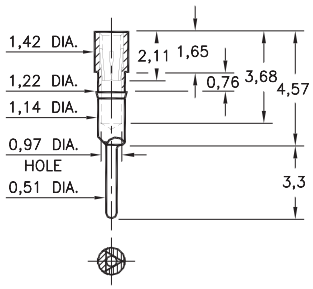
0385
0385-0-15-XX-43-XX-10-0
Press-fit in 1,17 mounting hole



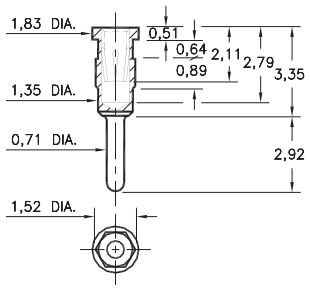
4001
4001-0-15-XX-43-XX-04-0
Press-fit in 1,45 mounting hole



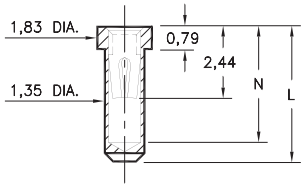
1782
1782-0-15-XX-43-XX-04-0
Press-fit in 1,14 mounting hole



5960
5960-0-15-XX-43-XX-04-0
Hex press-fit in 1,45 plated through-hole

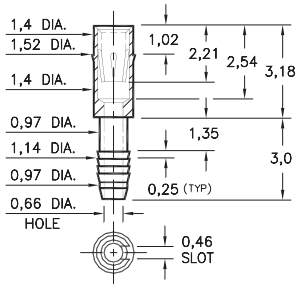


1401/3185
XXXX-0-15-XX-30-XX-10-0
Solder mount in 1,4 min. mounting hole
Also available on 16mm wide carrier tape:
1,700 parts per 330mm reel
See page 194.5 for Tape & Reel details

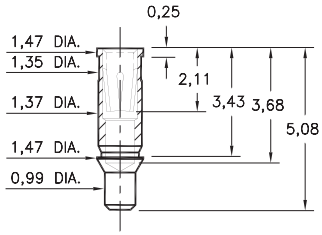


Basic Part Number	Length L	Depth N
1401-0	4,19	3,68
3185-0	3,30	2,77

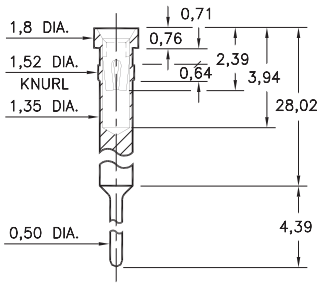
4310
4310-0-31-XX-43-XX-04-0
Compliant press-fit in 1,02 ± 0,08 plated through-hole. For 2,29 → 3,30 thick board



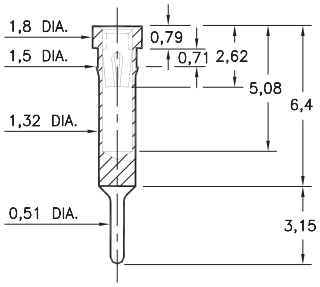
1385
1385-0-15-XX-43-XX-10-0
Surface mount



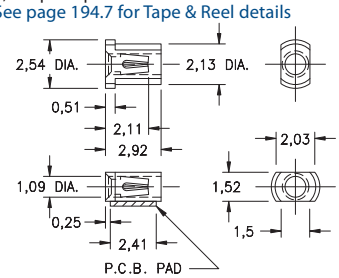
3018
3018-0-15-XX-30-XX-04-0
Press-fit in 1,45 mounting hole



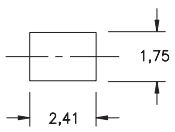
8852
8852-0-15-XX-30-XX-04-0
Press-fit in 1,42 mounting hole



3907
3907-0-18-XX-30-XX-10-0
Surface mount
Also available on 12mm wide carrier tape:
4,000 parts per 330mm reel
See page 194.7 for Tape & Reel details



P.C.B. Layout



SPECIFICATIONS:

Shell Material: Brass Alloy 360, 1/2 Hard

Contact Material: Beryllium Copper Alloy 172, HT

Dimensions: Millimeters

Tolerances On: Lengths: ± 0,13
Diameters: ± 0,051
Angles: ± 2 °

RoHS-2 2011/65/EU

ORDER CODE: XXXX - X - XX - XX - XX - XX - XX - 0

BASIC PART #

SPECIFY SHELL FINISH:
- **01** 5,08µm TIN/LEAD OVER NICKEL
- **80** 5,08µm TIN OVER NICKEL (RoHS)
- **15** 0,25µm GOLD OVER NICKEL (RoHS)

SPECIFY CONTACT FINISH:
- **02** 2,54µm TIN/LEAD OVER NICKEL
- **84** 2,54µm TIN OVER NICKEL (RoHS)
- **27** 0,76µm GOLD OVER NICKEL (RoHS)

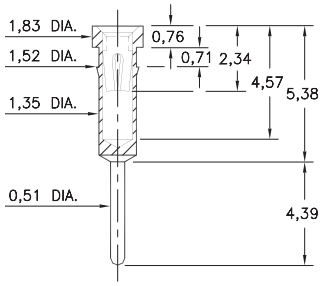
SELECT CONTACT:
#30, #35 or #43 CONTACT (DATA ON PAGE 253 & 254)
(For alternate contact choices, see groups B and C on page 248)

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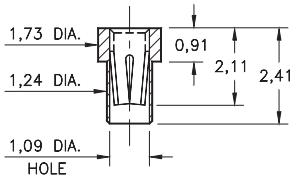
PIN RECEPTACLES

FOR 0,38 - 0,64 DIAMETER PINS

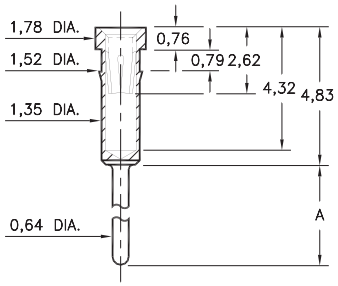
8964
8964-0-15-XX-30-XX-04-0
Press-fit in 1,45 mounting hole



5342
5342-0-15-XX-35-XX-10-0
Solder mount in 1,3 min. mounting hole
Also available on 8mm wide carrier tape:
6,000 parts per 330mm reel
See page 194.7 for Tape & Reel details

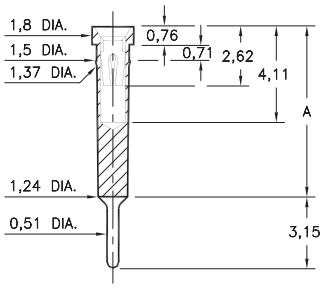


8857
8857-X-15-XX-32-XX-04-0
Press-fit in 1,45 mounting hole



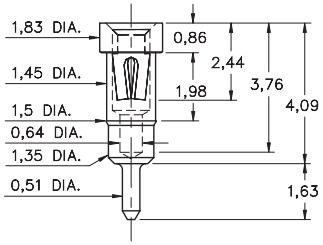
Basic Part Number	Length A
8857-0	7,9
8857-1	11,38
8857-2	14,96
8857-3	18,57
8857-4	22,12

8862/8877
88XX-0-15-XX-30-XX-04-0
Press-fit in 1,42 mounting hole

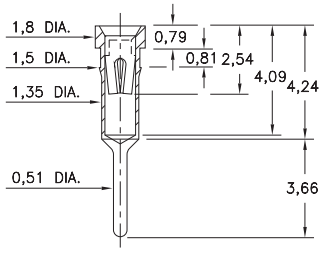


Basic Part Number	Length A
8862-0	7,62
8877-0	8,89

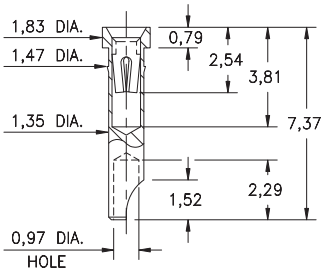
1334
1334-0-15-XX-30-XX-04-0
Press-fit in 1,45 mounting hole



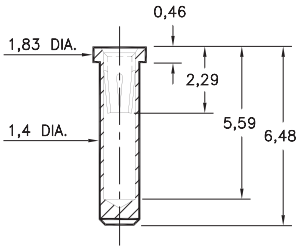
8855
8855-0-15-XX-30-XX-34-0
Press-fit in 1,45 mounting hole



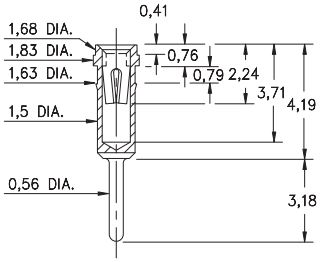
2954
2954-0-18-XX-30-XX-10-0
Press-fit in 1,45 mounting hole
Accepts wire sizes up to 0,71 dia.



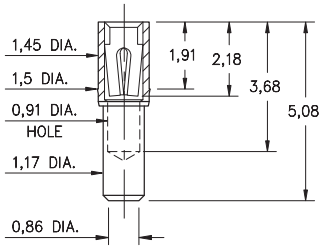
9363
9363-0-15-XX-35-XX-10-0
Solder mount in 1,45 min. mounting hole



1023
1023-0-15-XX-30-XX-04-0
Press-fit in 1,55 mounting hole



1701
1701-0-15-XX-30-XX-10-0
Press-fit in 1,45 mounting hole



SPECIFICATIONS:

Shell Material: Brass Alloy 360, 1/2 Hard

Contact Material: Beryllium Copper Alloy 172, HT

Dimensions: Millimeters

Tolerances On: Lengths: ± 0,13
Diameters: ± 0,051
Angles: ± 2 °

RoHS-2 2011/65/EU

ORDER CODE: XXXX - X - XX - XX - XX - XX - 10 - 0

BASIC PART #

SPECIFY SHELL FINISH:
- **01** 5,08µm TIN/LEAD OVER NICKEL
- **80** 5,08µm TIN OVER NICKEL (RoHS)
- **15** 0,25µm GOLD OVER NICKEL (RoHS)

SPECIFY CONTACT FINISH:
- **02** 2,54µm TIN/LEAD OVER NICKEL
- **84** 2,54µm TIN OVER NICKEL (RoHS)
- **27** 0,76µm GOLD OVER NICKEL (RoHS)

SELECT CONTACT:
#30, #32 or #35 CONTACT (DATA ON PAGE 253 & 254)
(For alternate contact choices, see groups B and C on page 248)

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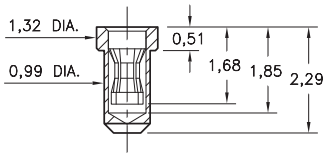
PIN RECEPTACLES

FOR 0,46 - 0,58 DIAMETER PINS

0507

0507-0-15-XX-31-XX-10-0

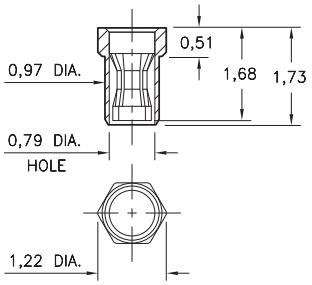
Solder mount in 1,07 min. mounting hole
Also available on 16mm wide carrier tape:
3,000 parts per 330mm reel
See page 194.8 for Tape & Reel details



0531

0531-0-15-XX-31-XX-10-0

Hex press-fit in 1,14 plated through-hole
(Top or Bottom entry capable)



SPECIFICATIONS:

Shell Material: Brass Alloy 360, 1/2 Hard

Contact Material: Beryllium Copper Alloy 172, HT

Dimensions: Millimeters

Tolerances On: Lengths: ± 0,13
Diameters: ± 0,051
Angles: ± 2 °

RoHS-2 2011/65/EU

ORDER CODE: 05XX - 0 - 15 - XX - 31 - XX - 10 - 0

BASIC PART #

SPECIFY SHELL FINISH:
- **01** 5,08µm TIN/LEAD OVER NICKEL
- **80** 5,08µm TIN OVER NICKEL (RoHS)
- **15** 0,25µm GOLD OVER NICKEL (RoHS)

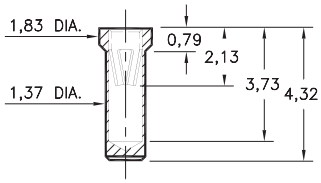
SPECIFY CONTACT FINISH:
- **01** 5,08µm TIN/LEAD OVER NICKEL
- **80** 5,08µm TIN OVER NICKEL (RoHS)
- **27** 0,76µm GOLD OVER NICKEL (RoHS)

SELECT CONTACT:
#31 CONTACT
(For alternate contact choices, see group A on page 248)

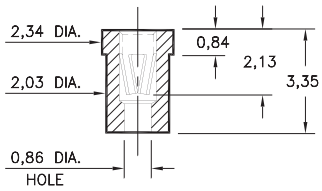
PIN RECEPTACLES

FOR 0,51 - 0,81 DIAMETER PINS

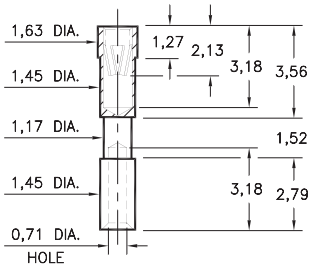
0338
0338-0-15-XX-15-XX-10-0
Solder mount in 1,45 min. mounting hole
Also available on 16mm wide carrier tape:
1,700 parts per 330mm reel
See page 194.9 for Tape & Reel details



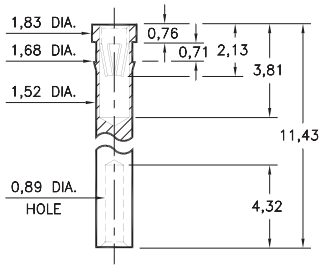
0378
0378-0-15-XX-15-XX-10-0
Solder mount in 2,08 min. mounting hole
Also available on 16mm wide carrier tape:
2,200 parts per 330mm reel
See page 194.9 for Tape & Reel details



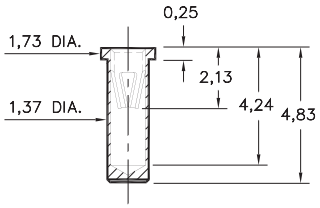
6002
6002-0-19-XX-15-XX-10-0
Solder mount in 1,5 min. mounting hole
Wire Termination. Accepts wire sizes
26 AWG Max. / 30 AWG Min.



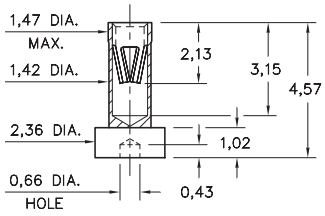
7009
7009-0-19-XX-15-XX-10-0
Press-fit in 1,6 min. mounting hole
Wire Termination. Accepts wire sizes
22 AWG Max. / 26 AWG Min.



0339
0339-0-15-XX-15-XX-10-0
Solder mount in 1,45 min. mounting hole
Also available on 24mm wide carrier tape:
1,540 parts per 330mm reel
See page 194.9 for Tape & Reel details



5200
5200-0-19-XX-15-27-10-0
Surface mount on a 2,62 dia. P.C.B. pad



SPECIFICATIONS:

Shell Material: Brass Alloy 360, 1/2 Hard

Contact Material: Beryllium Copper Alloy 172, HT

Dimensions: Millimeters

Tolerances On: Lengths: ± 0,13
Diameters: ± 0,051
Angles: ± 2 °

RoHS-2 2011/65/EU

ORDER CODE: XXXX - X - XX - XX - 15 - XX - 10 - 0

BASIC PART #

SPECIFY SHELL FINISH:
- **01** 5,08µm TIN/LEAD OVER NICKEL
- **80** 5,08µm TIN OVER NICKEL (RoHS)
- **15** 0,25µm GOLD OVER NICKEL (RoHS)

SPECIFY CONTACT FINISH:
- **01** 5,08µm TIN/LEAD OVER NICKEL
- **80** 5,08µm TIN OVER NICKEL (RoHS)
- **27** 0,76µm GOLD OVER NICKEL (RoHS)

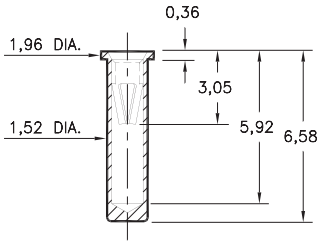
SELECT CONTACT:
#15 CONTACT (DATA ON PAGE 254)
(For alternate contact choices, see group K on page 248)

PIN RECEPTACLES

FOR 0,56 - 0,81 DIAMETER PINS

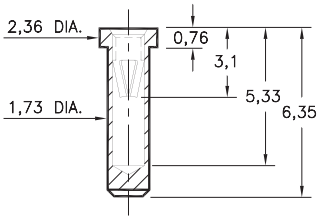
0295
0295-0-15-XX-06-XX-10-0

Solder mount in 1,60 min. mounting hole
Also available on 24mm wide carrier tape:
1,000 parts per 330mm reel
See page 194.10 for Tape & Reel details



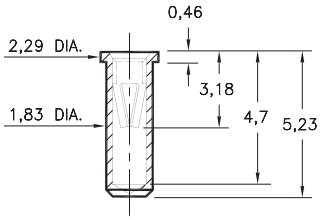
0292
0292-0-15-XX-06-XX-10-0

Solder mount in 1,8 min. mounting hole



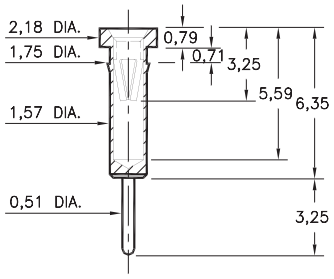
0294
0294-0-15-XX-06-XX-10-0

Solder mount in 1,93 min. mounting hole
Also available on 12mm wide carrier tape:
1,400 parts per 330mm reel
See page 194.10 for Tape & Reel details



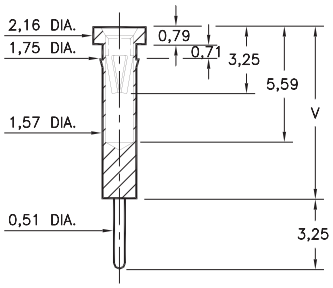
0398
0398-0-15-XX-06-XX-04-0

Press-fit in 1,68 mounting hole



0397
0397-X-15-XX-06-XX-04-0

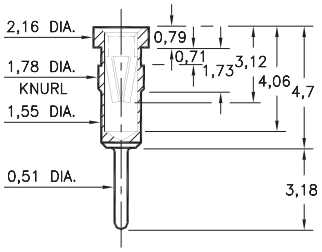
Press-fit in 1,68 mounting hole



Basic Part Number	Length V
0397-0	8,97
0397-1	8,46
0397-2	10,49

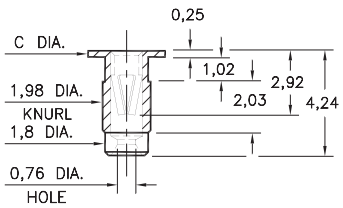
0297
0297-0-15-XX-06-XX-04-0

Press-fit in 1,7 mounting hole



9019/9039
90X9-0-19-XX-06-XX-10-0

Press-fit in 1,91 mounting hole



Basic Part Number	Head Dia. C
9019-0	3,18
9039-0	2,54

SPECIFICATIONS:

Shell Material: Brass Alloy 360, 1/2 Hard

Contact Material: Beryllium Copper Alloy 172, HT

Dimensions: Millimeters

Tolerances On: Lengths: ± 0,13
Diameters: ± 0,051
Angles: ± 2 °

RoHS-2 2011/65/EU

ORDER CODE: XXXX - X - XX - XX - 06 - XX - XX - 0

BASIC PART #

SPECIFY SHELL FINISH:
- **01** 5,08µm TIN/LEAD OVER NICKEL
- **80** 5,08µm TIN OVER NICKEL (RoHS)
- **15** 0,25µm GOLD OVER NICKEL (RoHS)

SPECIFY CONTACT FINISH:
- **01** 5,08µm TIN/LEAD OVER NICKEL
- **80** 5,08µm TIN OVER NICKEL (RoHS)
- **27** 0,76µm GOLD OVER NICKEL (RoHS)

SELECT CONTACT:
#06 CONTACT (DATA ON PAGE 255)
(For alternate contact choices, see group D on page 248)

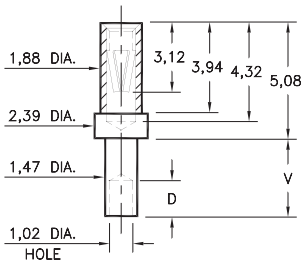
PIN RECEPTACLES

FOR 0,56 - 0,81 DIAMETER PINS

0326

0326-X-19-XX-06-XX-10-0

Swage mount in 1,52 hole

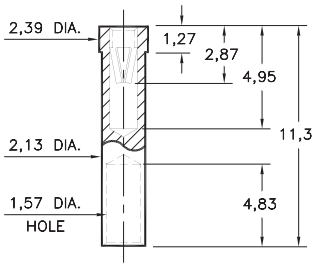


Basic Part Number	Board Thick-ness	Length V	Depth D
0326-1	0,79	1,57	1,02
0326-2	1,57	2,39	1,57
0326-3	2,39	3,18	1,57
0326-4	3,18	3,96	1,57

5295

5295-0-19-XX-06-XX-10-0

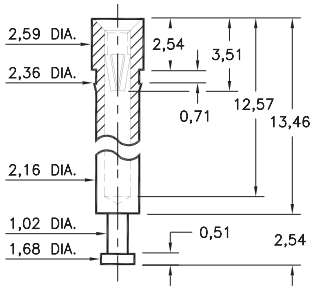
Solder mount in 2,18 min. mounting hole
Wire Crimp Termination. Accepts wire sizes 18 AWG Max. / 22 AWG Min.



0396

0396-0-15-XX-06-XX-10-0

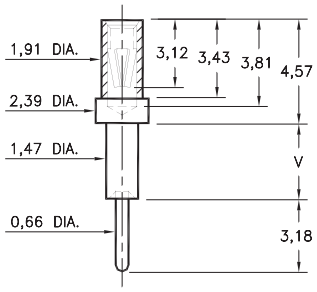
Press-fit in 2,29 mounting hole



0298

0298-X-15-XX-06-XX-10-0

Swage mount in 1,52 hole

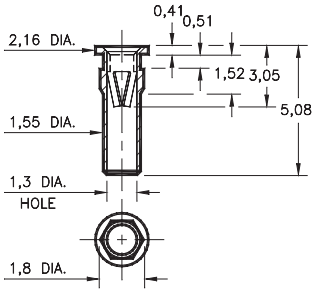


Basic Part Number	Board Thickness	Length V
0298-1	0,79	1,3
0298-2	1,57	2,08
0298-3	2,39	2,87
0298-4	3,18	3,68

9293

9293-0-15-XX-06-XX-10-0

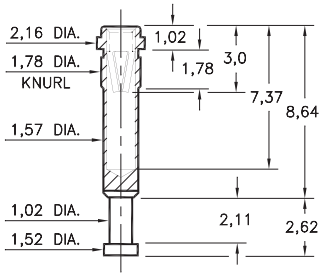
Hex press-fit in 1,7 plated through-hole



8864

8864-0-15-XX-06-XX-10-0

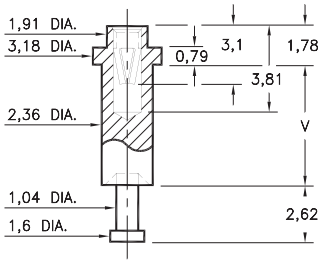
Press-fit in 1,7 mounting hole



0664

0664-X-15-XX-06-XX-10-0

Swage mount in 2,44 hole



Basic Part Number	Board Thickness	Length V
0664-1	2,39	3,18
0664-2	3,18	3,96
0664-3	4,78	5,56

SPECIFICATIONS:

Shell Material: Brass Alloy 360, 1/2 Hard

Contact Material: Beryllium Copper Alloy 172, HT

Dimensions: Millimeters

Tolerances On: Lengths: ± 0,13
Diameters: ± 0,051
Angles: ± 2 °

RoHS-2 2011/65/EU

ORDER CODE: XXXX - X - 1X - XX - 06 - XX - 10 - 0

BASIC PART #

SPECIFY SHELL FINISH:
- **01** 5,08µm TIN/LEAD OVER NICKEL
- **80** 5,08µm TIN OVER NICKEL (RoHS)
- **15** 0,25µm GOLD OVER NICKEL (RoHS)

SPECIFY CONTACT FINISH:
- **01** 5,04µm TIN/LEAD OVER NICKEL
- **80** 5,04µm TIN OVER NICKEL (RoHS)
- **27** 0,76µm GOLD OVER NICKEL (RoHS)

SELECT CONTACT:
#06 CONTACT (DATA ON PAGE 255)
(For alternate contact choices, see group D on page 248)

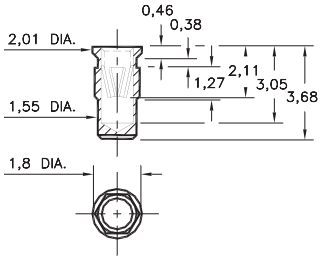
Mill-Max Mfg. Corp. • 190 Pine Hollow Road, P.O. Box 300, Oyster Bay, NY 11771 • 516-922-6000 • Fax: 516-922-9253 • www.mill-max.com

PIN RECEPTACLES

FOR 0,56 - 0,86 DIAMETER PINS AND 0,64 SQUARE PINS

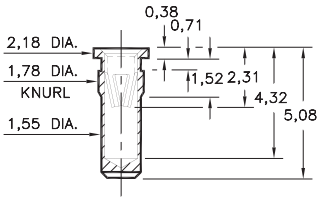
0291
0291-0-15-XX-16-XX-10-0

Hex press-fit in 1,7 plated through-hole



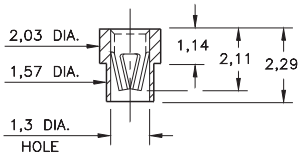
0293
0293-0-15-XX-16-XX-10-0

Press-fit in 1,7 mounting hole



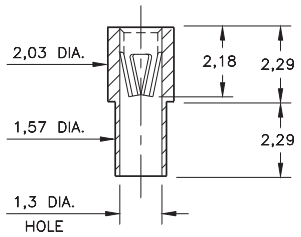
0287
0287-0-15-XX-16-XX-10-0

Solder mount in 1,65 min. mounting hole
Also available on 8mm wide carrier tape:
3,250 parts per 330mm reel
See page 194.11 for Tape & Reel details



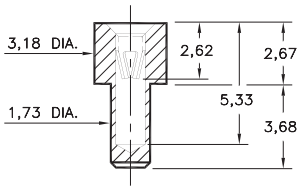
0285
0285-0-15-XX-16-XX-10-0

Solder mount in 1,65 min. mounting hole



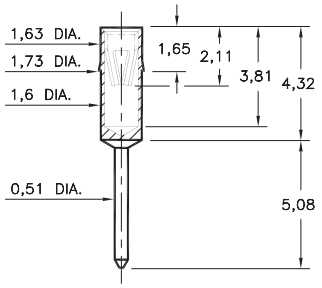
0284
0284-0-15-XX-16-XX-10-0

Solder mount in 1,78 min. mounting hole
Also available on 24mm wide carrier tape:
1,200 parts per 330mm reel
See page 194.11 for Tape & Reel details



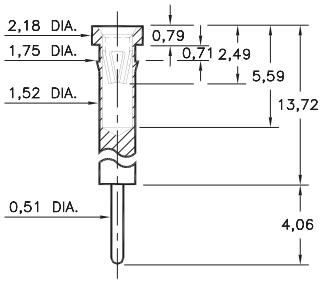
8114
8114-0-15-XX-16-XX-04-0

Press-fit from underside of pc board
into 1,65 mounting hole



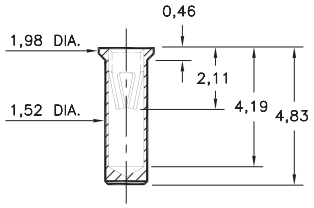
0407
0407-0-15-XX-16-XX-04-0

Press-fit in 1,68 mounting hole



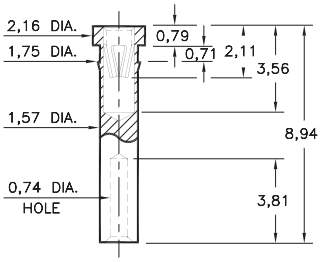
0415
0415-0-15-XX-16-XX-10-0

Solder mount in 1,6 min. mounting hole
Also available on 24mm wide carrier tape:
1,500 parts per 330mm reel
See page 194.11 for Tape & Reel details



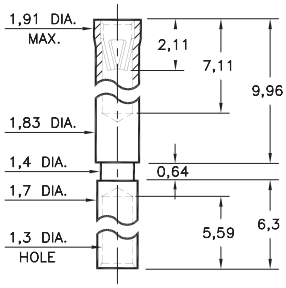
0303
0303-0-19-XX-16-XX-10-0

Press-fit in 1,7 mounting hole
Wire Crimp Termination. Accepts wire
sizes 26 AWG Max. / 30 AWG Min.



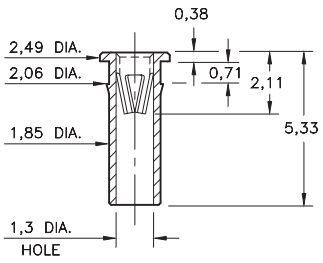
0306
0306-0-19-XX-16-XX-10-0

Wire Crimp Termination. Accepts wire
sizes 20 AWG Max. / 24 AWG Min.



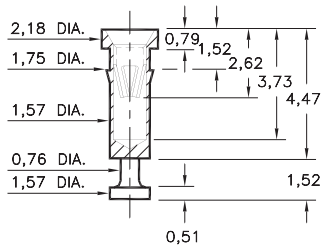
0273
0273-0-15-XX-16-XX-10-0

Press-fit in 1,98 mounting hole



7520
7520-0-15-XX-16-XX-10-0

Press-fit in 1,68 mounting hole



SPECIFICATIONS:

Shell Material: Brass Alloy 360, 1/2 Hard

Contact Material: Beryllium Copper Alloy 172, HT

Dimensions: Millimeters

Tolerances On: Lengths: ± 0,13
Diameters: ± 0,051
Angles: ± 2 °

RoHS-2 2011/65/EU

ORDER CODE: XXXX - X - XX - XX - 16 - XX - XX - 0

BASIC PART #

SPECIFY SHELL FINISH:
- **01** 5,04µm TIN/LEAD OVER NICKEL
- **80** 5,04µm TIN OVER NICKEL (RoHS)
- **15** 0,25µm GOLD OVER NICKEL (RoHS)

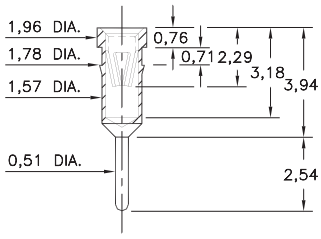
SPECIFY CONTACT FINISH:
- **01** 5,04µm TIN/LEAD OVER NICKEL
- **80** 5,04µm TIN OVER NICKEL (RoHS)
- **27** 0,76µm GOLD OVER NICKEL (RoHS)

SELECT CONTACT:
#16 CONTACT (DATA ON PAGE 256)
(For alternate contact choices, see group D on page 248)

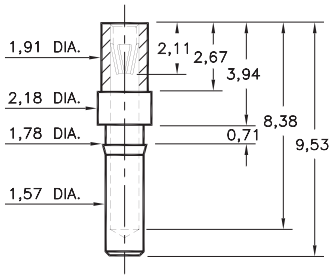
PIN RECEPTACLES

FOR 0,56 - 0,86 DIAMETER PINS AND 0,64 SQUARE PINS

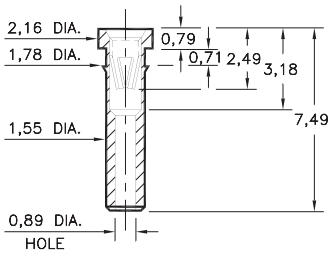
9808
9808-0-15-XX-16-XX-04-0
Press-fit in 1,70 mounting hole



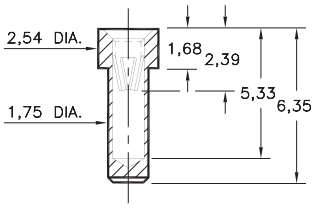
9101
9101-0-15-XX-16-XX-10-0
Press-fit in 1,70 mounting hole



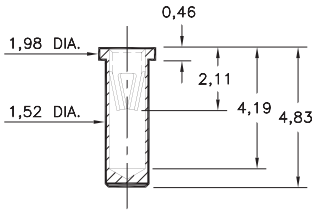
5650
5650-0-19-XX-16-XX-10-0
Press-fit in 1,70 mounting hole



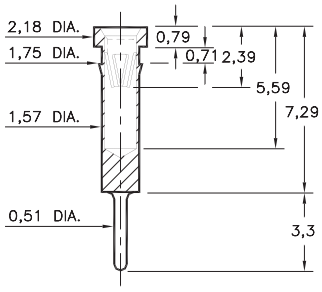
8679
8679-0-15-XX-16-XX-10-0
Solder mount in 1,80 min. mounting hole
Also available on 24mm wide carrier tape:
800 parts per 330mm reel
See page 194.11 for Tape & Reel details



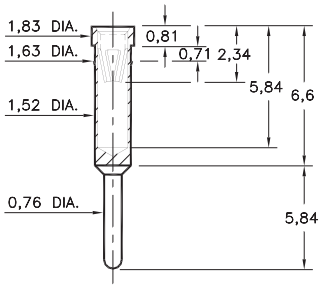
6021
6021-0-15-XX-16-XX-10-0
Solder mount in 1,57 min. mounting hole
Also available on 24mm wide carrier tape:
1,500 parts per 330mm reel
See page 194.11 for Tape & Reel details



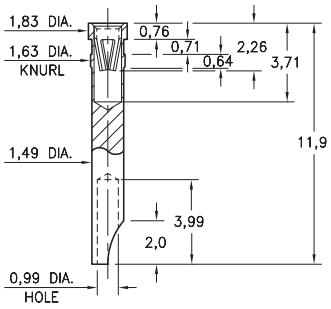
1873
1873-0-15-XX-16-XX-04-0
Press-fit in 1,68 mounting hole



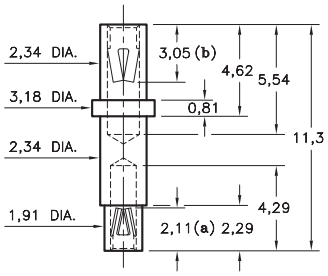
8827
8827-0-15-XX-16-XX-04-0
Press-fit in 1,55 mounting hole



5070
5070-0-18-XX-16-XX-10-0
Press-fit in 1,55 mounting hole



7620
7620-0-34-XX-16-XX-10-0
Double Ended Receptacle. See chart
for Contact number & acceptance ranges



Contact Number	Acceptance Range
(a) #16	0,56 - 0,86 and 0,64 □
(b) #34	0,81 - 1,17

(Data on Page 258)

SPECIFICATIONS:

Shell Material: Brass Alloy 360, 1/2 Hard

Contact Material: Beryllium Copper Alloy 172, HT

Dimensions: Millimeters

Tolerances On: Lengths: ± 0,13
Diameters: ± 0,051
Angles: ± 2 °

RoHS-2 2011/65/EU

ORDER CODE: XXXX - X - XX - XX - 16 - XX - 10 - 0

BASIC PART #

SPECIFY SHELL FINISH:
- **01** 5,08µm TIN/LEAD OVER NICKEL
- **80** 5,08µm TIN OVER NICKEL (RoHS)
- **15** 0,25µm GOLD OVER NICKEL (RoHS)

SPECIFY CONTACT FINISH:
- **01** 5,08µm TIN/LEAD OVER NICKEL
- **80** 5,08µm TIN OVER NICKEL (RoHS)
- **27** 0,76µm GOLD OVER NICKEL (RoHS)

SELECT CONTACT:
#16 CONTACT (DATA ON PAGE 256)
(For alternate contact choices, see group D on page 248)

MILL-MAX® *Mill-Max Mfg. Corp. • 190 Pine Hollow Road, P.O. Box 300, Oyster Bay, NY 11771 • 516-922-6000 • Fax: 516-922-9253 • www.mill-max.com*

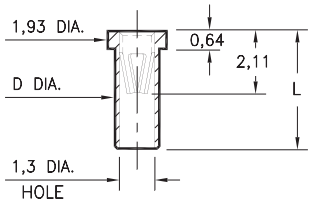
PIN RECEPTACLES

FOR 0,64 - 0,94 DIAMETER PINS AND 0,64 SQUARE PINS

0305

0305-X-15-XX-47-XX-10-0

Solder mount in 1,5/1,55 mounting hole
Also available on 8mm or 24mm wide carrier tape: See chart for details
See page 194.12 for Tape & Reel details



Basic Part Number	Length L	Dia. D
0305-0	2,41	1,42
0305-1	2,67	1,47
0305-2	3,94	1,47

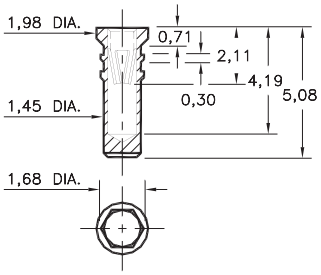
T&R Packaging

Basic Part Number	Tape Width	Parts per 330mm Reel
0305-0	8mm	6,000
0305-1	8mm	6,000
0305-2	24mm	1,500

0279

0279-0-15-XX-47-XX-10-0

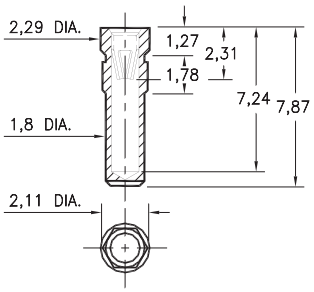
Hex press-fit in 1,57 plated through-hole



0330

0330-0-15-XX-47-XX-10-0

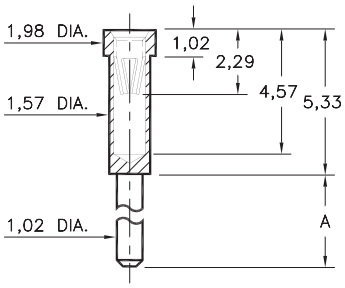
Hex press-fit in 2,01 plated through-hole



0300/8300

X300-X-15-XX-47-XX-10-0

Solder mount in 1,07 min. mounting hole

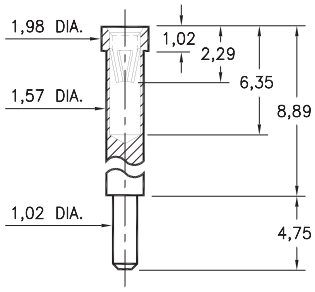


Basic Part Number	Length A
0300-1	2,79
0300-2	4,75
8300-0	3,56

0301

0301-1-15-XX-47-XX-10-0

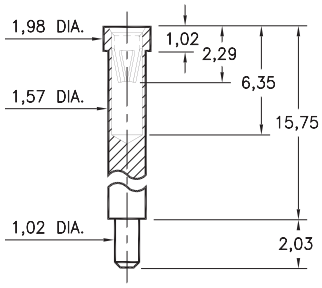
Solder mount in 1,07 min. mounting hole



0309

0309-2-15-XX-47-XX-10-0

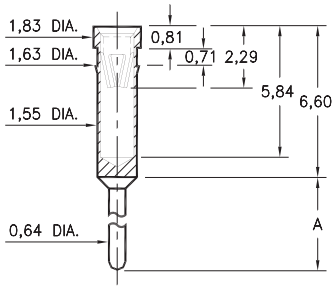
Solder mount in 1,07 min. mounting hole



0399

0399-X-15-XX-47-XX-04-0

Press-fit in 1,55 mounting hole

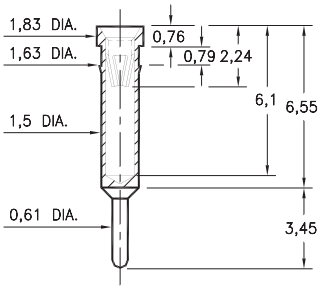


Basic Part Number	Length A
0399-0	5,84
0399-1	4,57

1304

1304-0-15-XX-47-XX-04-0

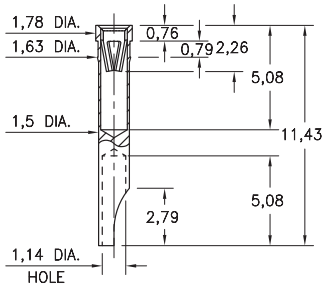
Press-fit in 1,55 mounting hole



1134

1134-0-18-15-47-27-10-0

Press-fit in 1,55 mounting hole



SPECIFICATIONS:

Shell Material: Brass Alloy 360, 1/2 Hard

Contact Material: Beryllium Copper Alloy 172, HT

Dimensions: Millimeters

Tolerances On: Lengths: ± 0,13
Diameters: ± 0,051
Angles: ± 2 °

RoHS-2 2011/65/EU

ORDER CODE: XXXX - X - XX - XX - 47 - XX - XX - 0

BASIC PART #

SPECIFY SHELL FINISH:
- **01** 5,08µm TIN/LEAD OVER NICKEL
- **80** 5,08µm TIN OVER NICKEL (RoHS)
- **15** 0,25µm GOLD OVER NICKEL (RoHS)

SPECIFY CONTACT FINISH:
- **01** 5,08µm TIN/LEAD OVER NICKEL
- **80** 5,08µm TIN OVER NICKEL (RoHS)
- **27** 0,76µm GOLD OVER NICKEL (RoHS)

SELECT CONTACT:
#47 CONTACT (DATA ON PAGE 256)
(For alternate contact choices, see group D on page 248)

COMPLIANT TAIL PINS & RECEPTACLES

DESIGNED FOR A SECURE PRESS-FIT IN STANDARD PLATED THROUGH-HOLES

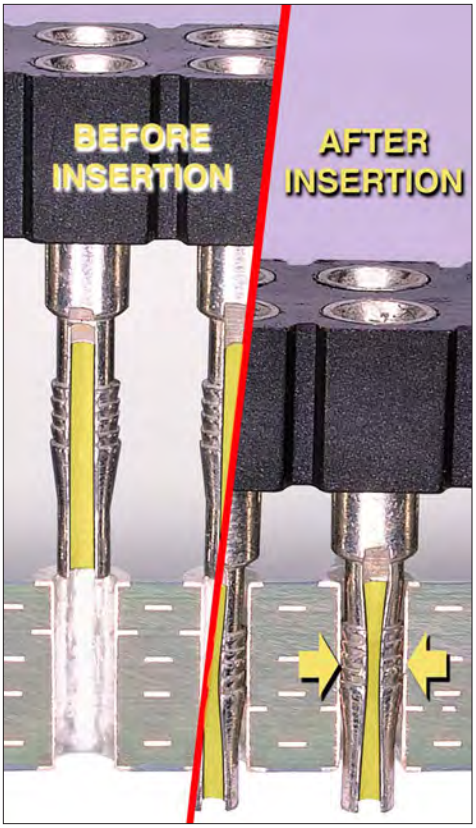
The unique compliant pin design is characterized by a hollow and slotted tail that closes down and conforms to the size of the plated through-hole, thus preventing damage. In addition, the combination of slotted tail and a series of fine serrations make a reliable gas-tight connection with the plating inside the hole.

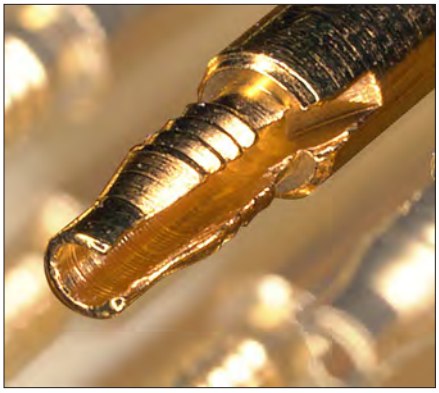
Mill-Max offers sockets, headers and discrete pins and receptacles with compliant tail or barrel features to address a broad range of applications where press-fitting is the desired solution over soldering. Mill-Max compliant tail sockets are available in dual-in-line packages (Series 146) and single and double row strips (Series 346 and 446, respectively).

For higher current and more rugged applications, Mill-Max has single row (Series 800) and double row (Series 802) interconnects and mating sockets, single row (Series 801) and double row (Series 803). Multi-layer boards can be stacked by mating these pin headers with sockets containing highly reliable six-finger inner contacts that accept 0,76 diameter round pins as well as 0,64 square pins.

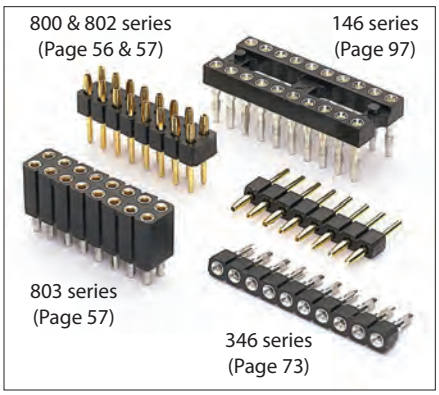
Both compliant tail sockets and interconnects are available in two tail lengths, one for 1,52 - 2,54 thick panels and another for 2,29 - 3,30 thick panels.

Discrete pins (P/N's 5601, 5602 & 2617) and receptacles (P/N's 4993 & 4994) are useful for single location requirements or for non-standard layouts. The receptacles are low profile. The 4993 accepts leads from 0,3 - 0,43 and 4994 accepts leads from 0,38 - 0,51.









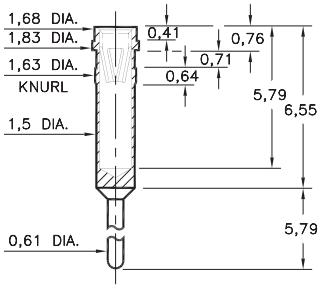


Mill-Max Mfg. Corp. • 190 Pine Hollow Road, P.O. Box 300, Oyster Bay, NY 11771 • 516-922-6000 • Fax: 516-922-9253 • www.mill-max.com

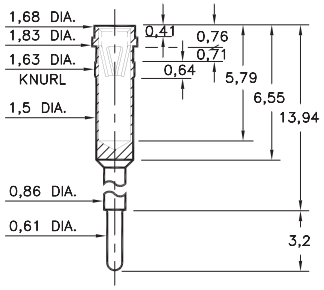
PIN RECEPTACLES

FOR 0,64 - 0,94 DIAMETER PINS AND 0,64 SQUARE PINS

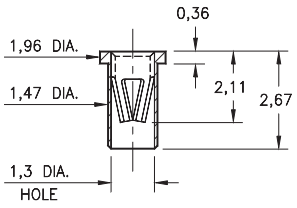
1305
1305-0-15-XX-47-XX-04-0
Press-fit in 1,55 mounting hole



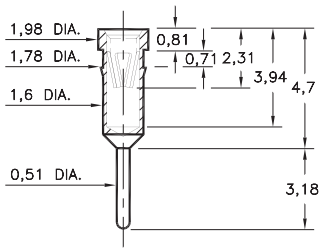
1306
1306-0-15-XX-47-XX-04-0
Press-fit in 1,55 mounting hole



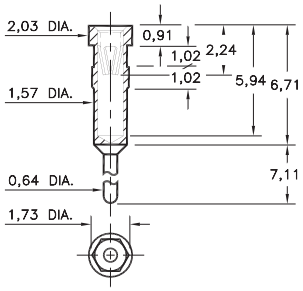
7305
7305-0-15-XX-47-XX-10-0
Solder mount in 1,52 min. mounting hole
Also available on 8mm wide carrier tape:
6,000 parts per 330mm reel
See page 194.12 for Tape & Reel details



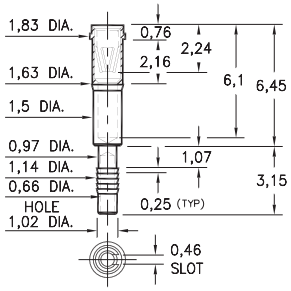
0400
0400-0-15-XX-47-XX-04-0
Press-fit in 1,7 mounting hole



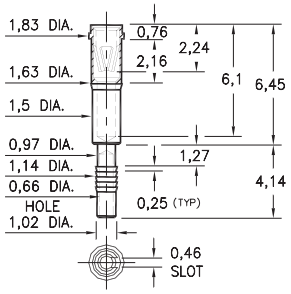
0335
0335-0-15-XX-47-XX-04-0
Hex press-fit in 1,63 plated through-hole



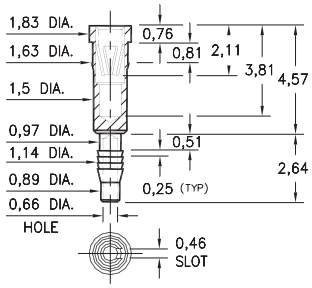
4614
4614-0-31-XX-47-XX-04-0
Compliant press-fit in 1,02 ± 0,08 plated hole. For 1,52 → 2,54 thick board



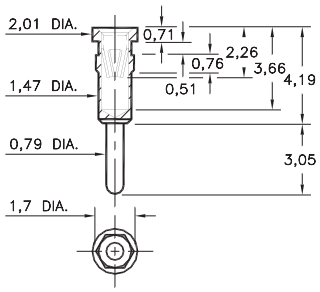
4615
4615-0-31-XX-47-XX-04-0
Compliant press-fit in 1,02 ± 0,08 plated hole. For 2,29 → 3,30 thick board



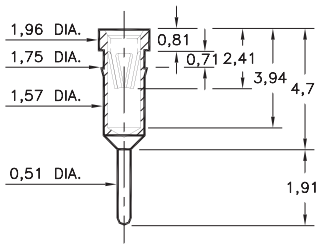
7614
7614-0-31-XX-47-XX-04-0
Compliant press-fit in 1,02 ± 0,08 plated hole. For 1,52 → 2,54 thick board



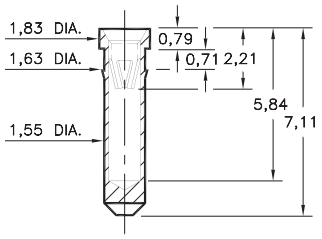
8401
8401-0-15-XX-47-XX-04-0
Hex press-fit in 1,6 plated through-hole



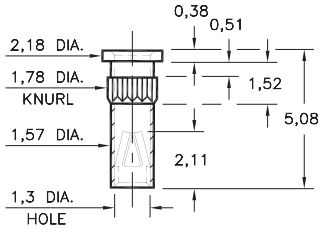
2400
2400-0-15-XX-47-XX-04-0
Press-fit in 1,68 mounting hole



6857
6857-0-15-XX-47-XX-10-0
Press-fit in 1,55 mounting hole



9393
9393-0-15-XX-47-XX-10-0
Press-fit in 1,70 mounting hole



SPECIFICATIONS:

Shell Material: Brass Alloy 360, 1/2 Hard

Contact Material: Beryllium Copper Alloy 172, HT

Dimensions: Millimeters

Tolerances On: Lengths: ± 0,13
Diameters: ± 0,051
Angles: ± 2 °

RoHS-2 2011/65/EU

ORDER CODE: XXXX - X - XX - XX - 47 - XX - XX - 0

BASIC PART #

SPECIFY SHELL FINISH:
- **01** 5,08µm TIN/LEAD OVER NICKEL
- **80** 5,08µm TIN OVER NICKEL (RoHS)
- **15** 0,25µm GOLD OVER NICKEL (RoHS)

SPECIFY CONTACT FINISH:
- **01** 5,08µm TIN/LEAD OVER NICKEL
- **80** 5,08µm TIN OVER NICKEL (RoHS)
- **27** 0,76µm GOLD OVER NICKEL (RoHS)

SELECT CONTACT:
#47 CONTACT (DATA ON PAGE 256)
(For alternate contact choices, see group D on page 248)

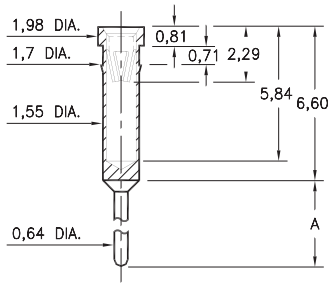
PIN RECEPTACLES

FOR 0,64 - 0,94 DIAMETER PINS AND 0,64 SQUARE PINS

0401/6401

X401-0-15-XX-47-XX-04-0

Press-fit in 1,63 mounting hole

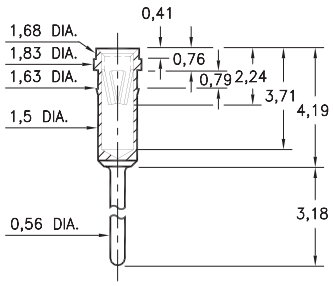


Basic Part Number	Length A
0401-0	8,64
6401-0	13,72

1303

1303-0-15-XX-47-XX-04-0

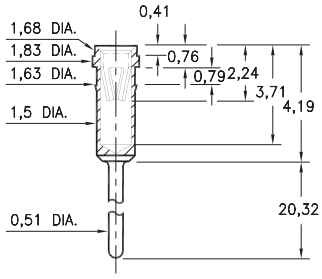
Press-fit in 1,55 mounting hole



8303

8303-0-15-XX-47-XX-04-0

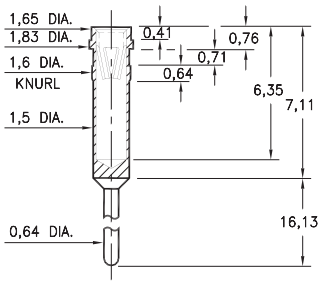
Press-fit in 1,55 mounting hole



4095

4095-0-15-XX-47-XX-04-0

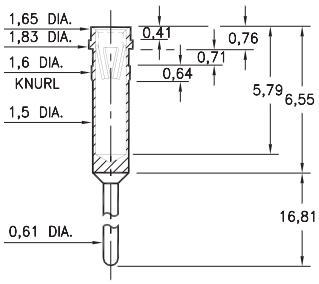
Press-fit in 1,55 mounting hole



4014

4014-0-15-XX-47-XX-04-0

Press-fit in 1,55 mounting hole



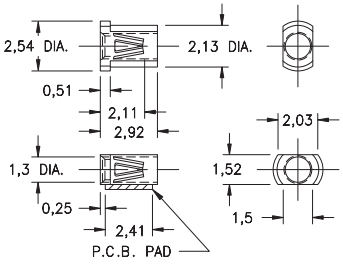
8806

8806-0-18-XX-47-XX-40-0

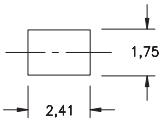
Surface mount

Also available on 12mm wide carrier tape:
4,000 parts per 330mm reel

See page 194.12 for Tape & Reel details



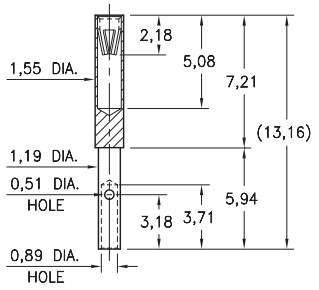
P.C.B. Layout



0722

0722-0-33-XX-47-XX-10-0

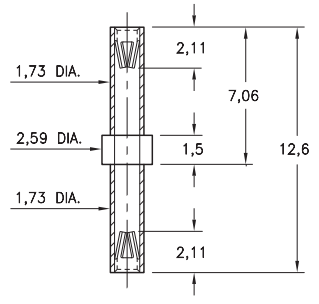
Wire crimp termination. Accepts wire sizes 22 AWG Max. / 28 AWG Min.



6839

6839-0-40-XX-47-XX-10-0

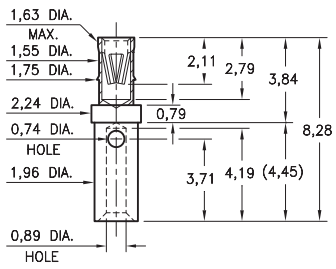
Double Ended Receptacle



6368

6368-0-33-XX-47-XX-10-0

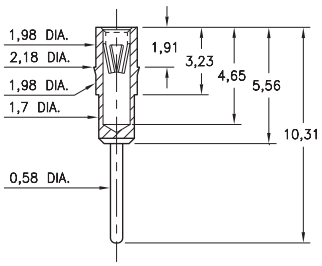
Wire crimp termination. Accepts wire sizes 22 AWG Max. / 26 AWG Min.



4119

4119-0-15-XX-47-XX-04-0

Press-fit in 2,11 mounting hole



SPECIFICATIONS:

Shell Material: Brass Alloy 360, 1/2 Hard

Contact Material: Beryllium Copper Alloy 172, HT

Dimensions: Millimeters

Tolerances On: Lengths: ± 0,13
Diameters: ± 0,051
Angles: ± 2 °

RoHS-2 2011/65/EU

ORDER CODE: XXXX - X - XX - XX - 47 - XX - XX - 0

BASIC PART #

SPECIFY SHELL FINISH:

- **01** 5,08µm TIN/LEAD OVER NICKEL
- **80** 5,08µm TIN OVER NICKEL (RoHS)
- **15** 0,25µm GOLD OVER NICKEL (RoHS)

SPECIFY CONTACT FINISH:

- **01** 5,08µm TIN/LEAD OVER NICKEL
- **80** 5,08µm TIN OVER NICKEL (RoHS)
- **27** 0,76µm GOLD OVER NICKEL (RoHS)

SELECT CONTACT:

#47 CONTACT (DATA ON PAGE 256)

(For alternate contact choices, see group D on page 248)

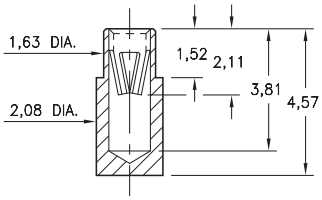
PIN RECEPTACLES

FOR 0,64 - 0,94 DIAMETER PINS AND 0,64 SQUARE PINS

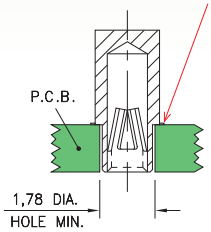
4282

4282-0-15-XX-47-27-10-0

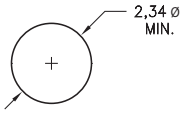
Surface mount or Through-hole mount
(See mounting details) ---→ ---→



Use 2,34 Dia. Annular ring this side



Through-hole P.C.B mount for Bottom Entry Applications

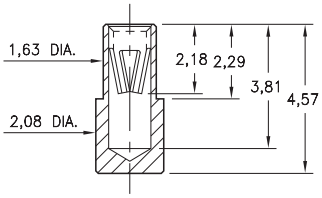


Surface mount P.C.B Layout

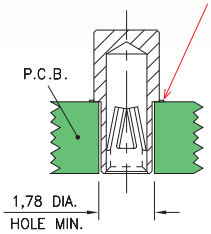
5769

5769-0-15-XX-47-27-10-0

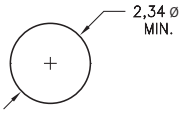
Surface mount or Through-hole mount
(See mounting details) ---→ ---→



Use 2,34 Dia. Annular ring this side



Through-hole P.C.B mount for Bottom Entry Applications



Surface mount P.C.B Layout

SPECIFICATIONS:

Shell Material: Brass Alloy 360, 1/2 Hard

Contact Material: Beryllium Copper Alloy 172, HT

Dimensions: Millimeters

Tolerances On: Lengths: ± 0,13
Diameters: ± 0,051
Angles: ± 2 °

RoHS-2 2011/65/EU

ORDER CODE: XXXX - X - XX - XX - 47 - XX - XX - 0

BASIC PART #

SPECIFY SHELL FINISH:
- **80** 5,08µm TIN OVER NICKEL (RoHS)
- **15** 0,25µm GOLD OVER NICKEL (RoHS)

SPECIFY CONTACT FINISH:
- **27** 0,76µm GOLD OVER NICKEL (RoHS)

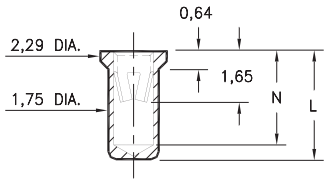
SELECT CONTACT:
#47 CONTACT (DATA ON PAGE 256)
(For alternate contact choices, see group D on page 248)

PIN RECEPTACLES

FOR 0,94 - 1,09 DIAMETER PINS

0331/9353
X3XX-0-15-XX-18-XX-10-0

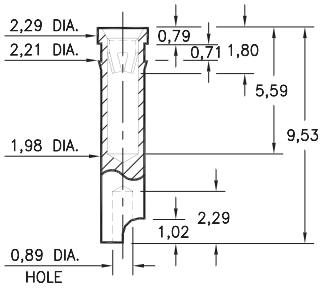
Solder mount in 1,80 min. mounting hole
Also available on 24mm wide carrier tape:
1,000 parts per 330mm reel
See page 194.13 for Tape & Reel details



Basic Part Number	Length L	Depth N
0331-0	3,81	3,23
9353-0	4,32	3,73

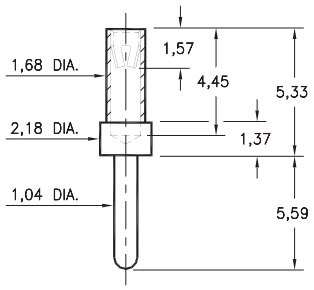
7405
7405-0-18-XX-18-XX-10-0

Press-fit in 2,13 mounting hole
Accepts wire sizes up to 0,64 dia.



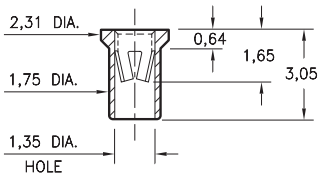
3450
3450-0-15-XX-18-XX-04-0

Solder mount in 1,09 min. mounting hole



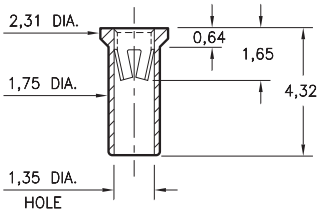
7406
7406-0-15-XX-18-XX-10-0

Solder mount in 1,80 min. mounting hole
Also available on 16mm wide carrier tape:
2,200 parts per 330mm reel
See page 194.13 for Tape & Reel details



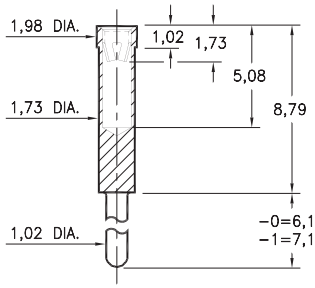
9354
9354-0-15-XX-18-XX-10-0

Solder mount in 1,80 min. mounting hole
Also available on 12mm wide carrier tape:
1,400 parts per 330mm reel
See page 194.13 for Tape & Reel details



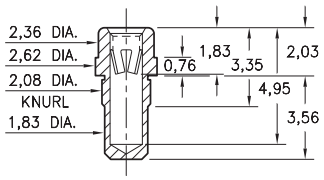
0319
0319-X-15-XX-18-XX-04-0

Solder mount in 1,07 min. mounting hole



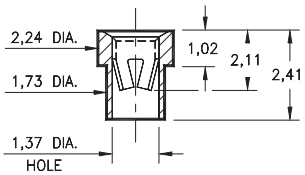
9357
9357-0-15-XX-18-XX-10-0

Press-fit in 1,98 mounting hole



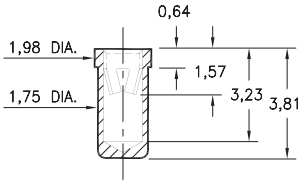
3520
3520-0-15-XX-18-XX-10-0

Solder mount in 1,78 min. mounting hole
Also available on 16mm wide carrier tape:
2,750 parts per 330mm reel
See page 194.13 for Tape & Reel details



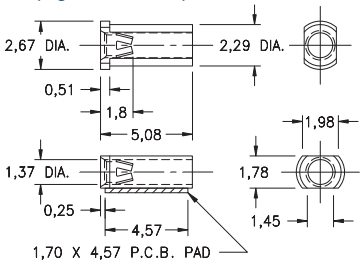
8331
8331-0-15-XX-18-XX-10-0

Solder mount in 1,80 min. mounting hole
Also available on 16mm wide carrier tape:
1,900 parts per 330mm reel
See page 194.13 for Tape & Reel details



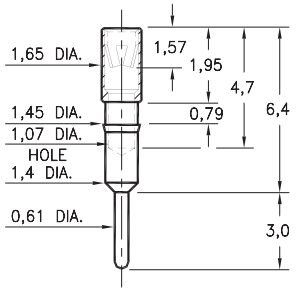
6628
6628-0-18-XX-18-XX-10-0

Surface mount
Also available on 12mm wide carrier tape:
3,700 parts per 330mm reel
See page 194.13 for Tape & Reel details



1313
1313-0-15-XX-18-XX-04-0

Press-fit in 1,42 mounting hole



SPECIFICATIONS:

Shell Material: Brass Alloy 360, 1/2 Hard

Contact Material: Beryllium Copper Alloy 172, HT

Dimensions: Millimeters

Tolerances On: Lengths: ±0,13
Diameters: ±0,051
Angles: ±2°

RoHS-2 2011/65/EU

ORDER CODE: XXXX - X - XX - XX - 18 - XX - XX - 0

BASIC PART #

SPECIFY SHELL FINISH:
- **01** 5,08µm TIN/LEAD OVER NICKEL
- **80** 5,08µm TIN OVER NICKEL (RoHS)
- **15** 0,25µm GOLD OVER NICKEL (RoHS)

SPECIFY CONTACT FINISH:
- **01** 5,08µm TIN/LEAD OVER NICKEL
- **80** 5,08µm TIN OVER NICKEL (RoHS)
- **27** 0,76µm GOLD OVER NICKEL (RoHS)

SELECT CONTACT:
#18 CONTACT (DATA ON PAGE 257)
(For alternate contact choices, see group L on page 248)

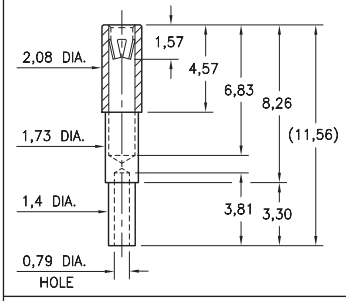
PIN RECEPTACLES

FOR 0,94 - 1,09 DIAMETER PINS

4314

4314-0-19-XX-18-XX-10-0

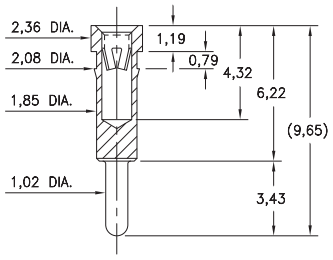
Wire crimp termination.
Accepts wire sizes up to 24 AWG



4401

4401-0-15-XX-18-XX-04-0

Press-fit in 2,01 mounting hole



SPECIFICATIONS:

Shell Material: Brass Alloy 360, 1/2 Hard

Contact Material: Beryllium Copper Alloy 172, HT

Dimensions: Millimeters

Tolerances On: Lengths: ± 0,13
Diameters: ± 0,051
Angles: ± 2 °

RoHS-2 2011/65/EU

ORDER CODE: XXXX - 0 - 15 - XX - 18 - XX - XX - 0

BASIC PART #

SPECIFY SHELL FINISH:
- **01** 5,08µm TIN/LEAD OVER NICKEL
- **80** 5,08µm TIN OVER NICKEL (RoHS)
- **15** 0,25µm GOLD OVER NICKEL (RoHS)

SPECIFY CONTACT FINISH:
- **01** 5,08µm TIN/LEAD OVER NICKEL
- **80** 5,08µm TIN OVER NICKEL (RoHS)
- **27** 0,76µm GOLD OVER NICKEL (RoHS)

SELECT CONTACT:
#18 CONTACT (DATA ON PAGE 257)
(For alternate contact choices, see group L on page 248)

MILL-MAX® *Mill-Max Mfg. Corp. • 190 Pine Hollow Road, P.O. Box 300, Oyster Bay, NY 11771 • 516-922-6000 • Fax: 516-922-9253 • www.mill-max.com*

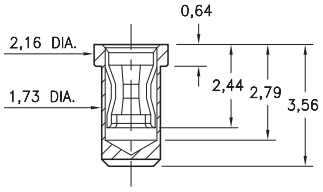
PIN RECEPTACLES

FOR 0,94 - 1,09 DIAMETER PINS

0448

0448-0-15-XX-48-27-10-0

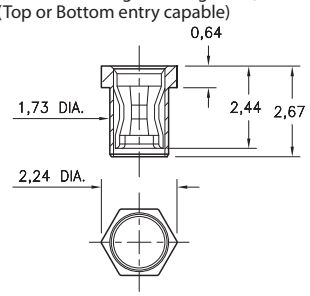
Solder mount in 1,8 min. mounting hole
Minimum mating lead length is 1,37



0640

0640-0-15-XX-48-27-10-0

Hex press-fit in 2,16 plated through-hole
Minimum mating lead length is 1,37
(Top or Bottom entry capable)



SPECIFICATIONS:

Shell Material: Brass Alloy 360, 1/2 Hard

Contact Material: Beryllium Copper Alloy 172, HT

Dimensions: Inches

Tolerances On: Lengths: ± 0,13
Diameters: ± 0,051
Angles: ± 2 °

RoHS-2 2011/65/EU

ORDER CODE: XXXX - 0 - 15 - XX - 48 - XX - 10 - 0

BASIC PART #

SPECIFY SHELL FINISH:
- **80** 5,08µm TIN OVER NICKEL (RoHS)
- **15** 0,25µm GOLD OVER NICKEL (RoHS)

SPECIFY CONTACT FINISH:
- **27** 0,76µm GOLD OVER NICKEL (RoHS)

SELECT CONTACT:
#48 CONTACT
(For alternate contact choices, see group L on page 248)

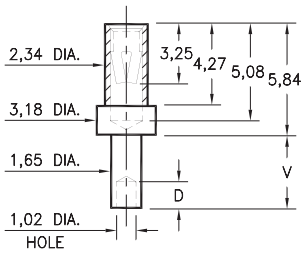
PIN RECEPTACLES

FOR 0,81 - 1,17 DIAMETER PINS

0344

0344-X-19-XX-34-XX-10-0

Swage mount in 1,70 hole

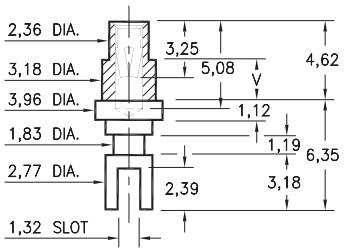


Basic Part Number	Board Thick-ness	Length V	Depth D
0344-1	0,78	1,57	1,02
0344-2	1,57	2,39	1,57
0344-3	2,39	3,18	1,57
0344-4	3,18	3,96	1,57

0349

0349-X-31-XX-34-XX-10-0

Swage mount in 3,28 hole

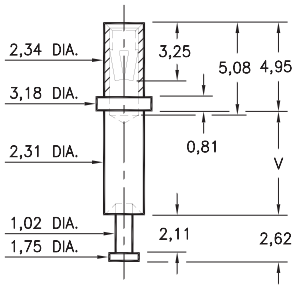


Basic Part Number	Board Thickness	Length V
0349-2	1,57	2,39
0349-3	2,39	3,18
0349-4	3,18	3,96

0323

0323-X-15-XX-34-XX-10-0

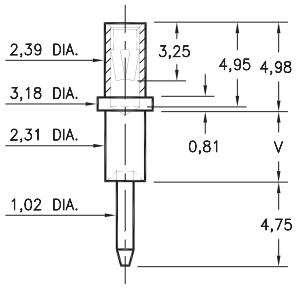
Swage mount in 2,39 hole



0324

0324-X-15-XX-34-XX-10-0

Swage mount in 2,39 hole

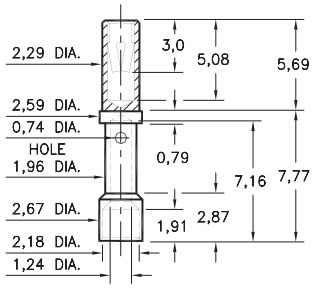


Basic Part Number	Board Thickness	Length V
032X-1	0,79	1,57
032X-2	1,57	2,39
032X-3	2,39	3,18
032X-4	3,18	3,96
032X-5	4,78	5,56

0348

0348-0-33-XX-34-XX-10-0

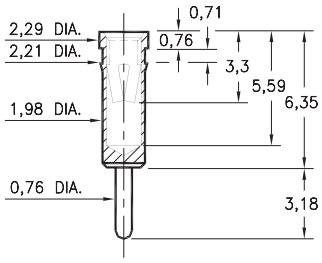
Wire crimp termination. Accepts wire sizes 20 AWG Max. / 24 AWG Min.



0405

0405-0-15-XX-34-XX-04-0

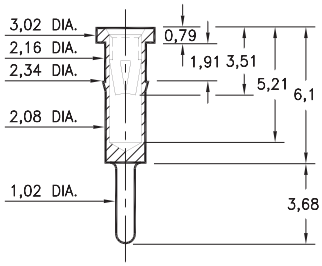
Press-fit in 2,13 mounting hole



0336

0336-0-15-XX-34-XX-04-0

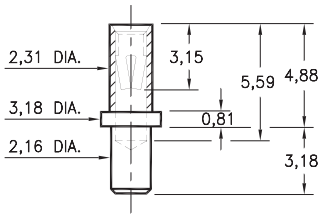
Press-fit in 2,26 mounting hole



0322

0322-0-15-XX-34-XX-10-0

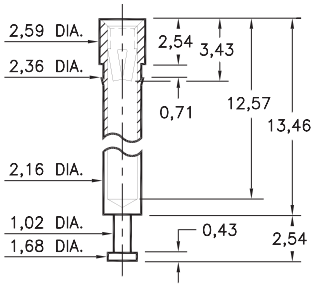
Solder mount in 2,26 min. mounting hole



0325

0325-0-15-XX-34-XX-10-0

Press-fit in 2,29 mounting hole



SPECIFICATIONS:

Shell Material: Brass Alloy 360, 1/2 Hard

Contact Material: Beryllium Copper Alloy 172, HT

Dimensions: Millimeters

Tolerances On: Lengths: ± 0,13
Diameters: ± 0,051
Angles: ± 2 °

RoHS-2 2011/65/EU

ORDER CODE: XXXX - X - XX - XX - 34 - XX - XX - 0

BASIC PART #

SPECIFY SHELL FINISH:
- **01** 5,08µm TIN/LEAD OVER NICKEL
- **80** 5,08µm TIN OVER NICKEL (RoHS)
- **15** 0,25µm GOLD OVER NICKEL (RoHS)

SPECIFY CONTACT FINISH:
- **01** 5,08µm TIN/LEAD OVER NICKEL
- **80** 5,08µm TIN OVER NICKEL (RoHS)
- **27** 0,76µm GOLD OVER NICKEL (RoHS)

SELECT CONTACT:
#34 CONTACT (DATA ON PAGE 258)
(For alternate contact choices, see group E on page 248)

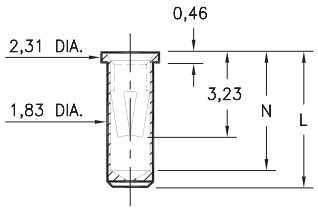
PIN RECEPTACLES

FOR 0,81 - 1,17 DIAMETER PINS

0327/0351/0373

03XX-0-15-XX-34-XX-10-0

Solder mount in 1,91 min. mounting hole
Also available on 12mm or 24mm wide carrier tape: See chart for details
See page 194.14 for Tape & Reel details



Basic Part Number	Length L	Depth N
0327-0	5,23	4,57
0351-0	5,74	5,08
0373-0	6,86	6,12

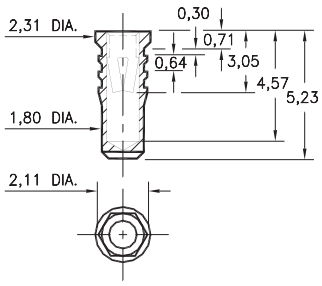
T&R Packaging

Basic Part Number	Tape Width	Parts per 330mm Reel
0327-0	12mm	1,400
0351-0	24mm	1,100
0373-0	24mm	1,000

0328

0328-0-15-XX-34-XX-10-0

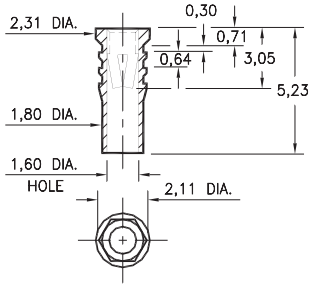
Hex press-fit in 2,01 plated through-hole



0334

0334-0-15-XX-34-XX-10-0

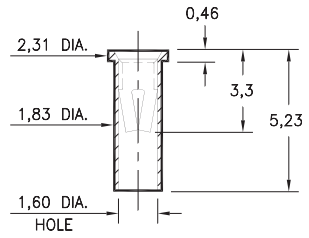
Hex press-fit in 2,01 plated through-hole



0312

0312-0-15-XX-34-XX-10-0

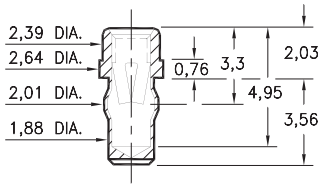
Solder mount in 1,91 min. mounting hole
Also available on 12mm wide carrier tape: 1,400 parts per 330mm reel
See page 194.14 for Tape & Reel details



0333

0333-0-42-XX-34-XX-10-0

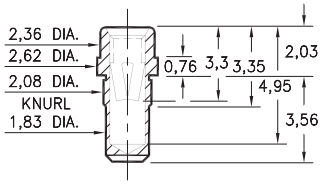
Press-fit in 1,93 mounting hole



0357

0357-0-15-XX-34-XX-10-0

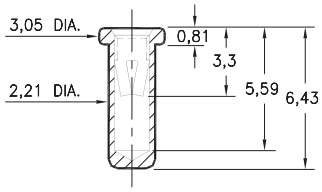
Press-fit in 1,98 mounting hole
Also available on 24mm wide carrier tape: 1,400 parts per 330mm reel
See page 194.15 for Tape & Reel details



0317

0317-0-15-XX-34-XX-04-0

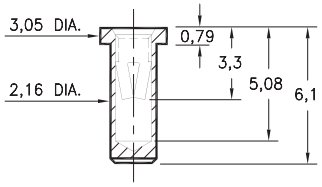
Solder mount in 2,31 min. mounting hole



0340

0340-0-15-XX-34-XX-10-0

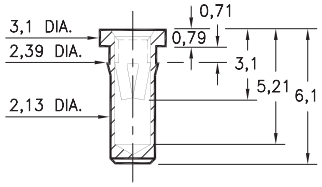
Solder mount in 2,21 min. mounting hole
Also available on 24mm wide carrier tape: 1,250 parts per 330mm reel
See page 194.14 for Tape & Reel details



0345

0345-0-15-XX-34-XX-10-0

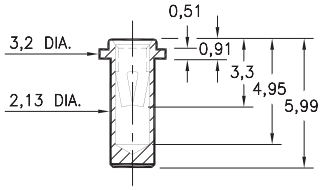
Press-fit in 2,26 mounting hole
Also available on 24mm wide carrier tape: 1,250 parts per 330mm reel
See page 194.15 for Tape & Reel details



0316

0316-0-15-XX-34-XX-10-0

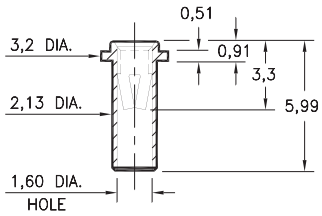
Solder mount in 2,21 min. mounting hole
Also available on 24mm wide carrier tape: 1,250 parts per 330mm reel
See page 194.15 for Tape & Reel details



0314

0314-0-15-XX-34-XX-10-0

Solder mount in 2,21 min. mounting hole
Also available on 24mm wide carrier tape: 1,250 parts per 330mm reel
See page 194.15 for Tape & Reel details



SPECIFICATIONS:

Shell Material: Brass Alloy 360, 1/2 Hard

Contact Material: Beryllium Copper Alloy 172, HT

Dimensions: Millimeters

Tolerances On: Lengths: ± 0,13
Diameters: ± 0,051
Angles: ± 2 °

RoHS-2 2011/65/EU

ORDER CODE: XXXX - X - XX - XX - 34 - XX - 10 - 0

BASIC PART #

SPECIFY SHELL FINISH:
- **01** 5,08µm TIN/LEAD OVER NICKEL
- **80** 5,08µm TIN OVER NICKEL (RoHS)
- **15** 0,25µm GOLD OVER NICKEL (RoHS)

SPECIFY CONTACT FINISH:
- **01** 5,08µm TIN/LEAD OVER NICKEL
- **80** 5,08µm TIN OVER NICKEL (RoHS)
- **27** 0,76µm GOLD OVER NICKEL (RoHS)

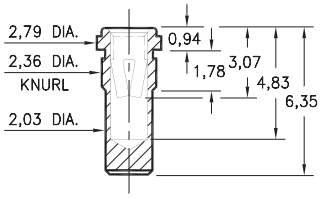
SELECT CONTACT:
#34 CONTACT (DATA ON PAGE 258)
(For alternate contact choices, see group E on page 248)

Mill-Max Mfg. Corp. • 190 Pine Hollow Road, P.O. Box 300, Oyster Bay, NY 11771 • 516-922-6000 • Fax: 516-922-9253 • www.mill-max.com

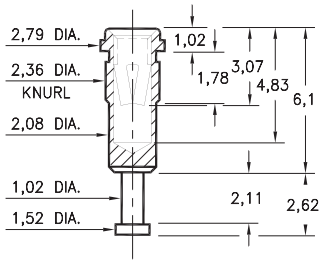
PIN RECEPTACLES

FOR 0,81 - 1,17 DIAMETER PINS

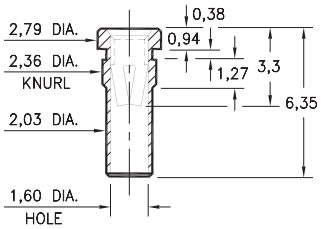
0359
0359-0-15-XX-34-XX-10-0
Press-fit in 2,29 mounting hole



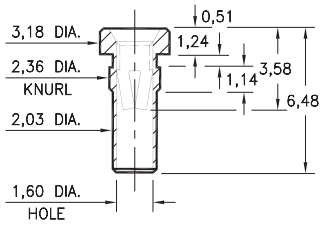
0358
0358-0-15-XX-34-XX-10-0
Press-fit in 2,29 mounting hole



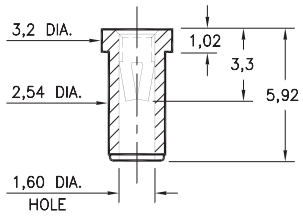
0360
0360-0-15-XX-34-XX-10-0
Press-fit in 2,29 mounting hole



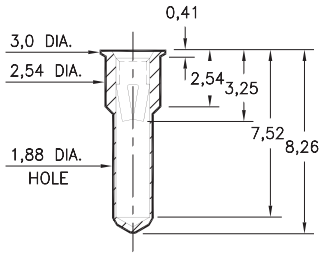
0343
0343-0-15-XX-34-XX-10-0
Press-fit in 2,29 mounting hole



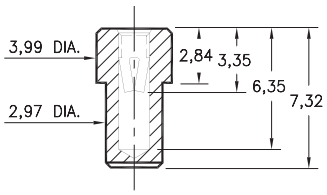
0356
0356-0-15-XX-34-XX-10-0
Solder mount in 2,59 min. mounting hole
Also available on 24mm wide carrier tape:
1,100 parts per 330mm reel
See page 194.14 for Tape & Reel details



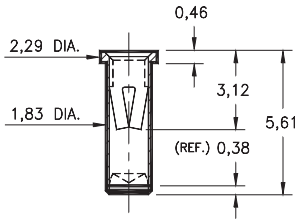
6659
6659-0-15-XX-34-XX-10-0
Solder mount in 2,59 min. mounting hole



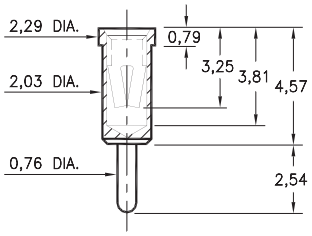
0347
0347-0-15-XX-34-XX-10-0
Solder mount in 3,05 min. mounting hole



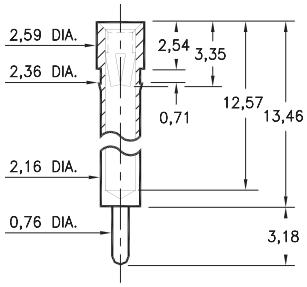
0329
0329-0-15-XX-34-XX-10-0
Solder mount in 1,91 min. mounting hole. "Knock out" bottom



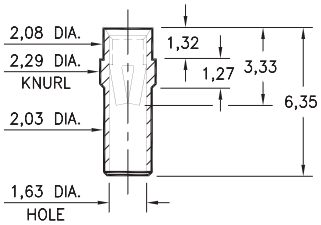
0814
0814-0-15-XX-34-XX-04-0
Solder mount in 2,08 min. mounting hole



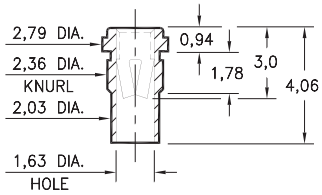
5059
5059-0-15-XX-34-XX-04-0
Press-fit in 2,29 mounting hole



8360
8360-0-15-XX-34-XX-10-0
Press-fit in 2,21 mounting hole



9359
9359-0-15-XX-34-XX-10-0
Press-fit in 2,29 mounting hole



SPECIFICATIONS:

Shell Material: Brass Alloy 360, 1/2 Hard

Contact Material: Beryllium Copper Alloy 172, HT

Dimensions: Millimeters

Tolerances On: Lengths: ± 0,13
Diameters: ± 0,051
Angles: ± 2 °

RoHS-2 2011/65/EU

ORDER CODE: XXXX - X - XX - XX - 34 - XX - XX - 0

BASIC PART #

SPECIFY SHELL FINISH:
- **01** 5,08µm TIN/LEAD OVER NICKEL
- **80** 5,08µm TIN OVER NICKEL (RoHS)
- **15** 0,25µm GOLD OVER NICKEL (RoHS)

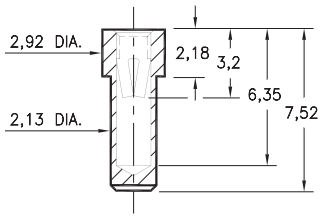
SPECIFY CONTACT FINISH:
- **01** 5,08µm TIN/LEAD OVER NICKEL
- **80** 5,08µm TIN OVER NICKEL (RoHS)
- **27** 0,76µm GOLD OVER NICKEL (RoHS)

SELECT CONTACT:
#34 CONTACT (DATA ON PAGE 258)
(For alternate contact choices, see group E on page 248)

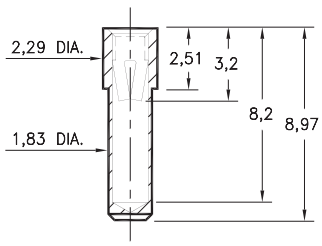
PIN RECEPTACLES

FOR 0,81 - 1,17 DIAMETER PINS

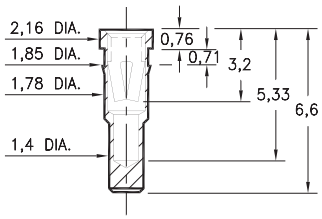
8838
8838-0-15-XX-34-XX-10-0
Solder mount in 2,18 min. mounting hole



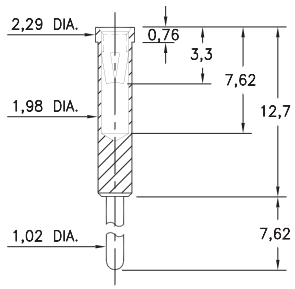
3100
3100-0-15-XX-34-XX-10-0
Solder mount in 1,88 min. mounting hole



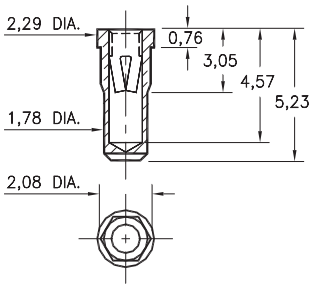
8853
8853-0-15-XX-34-XX-10-0
Press-fit in 1,8 mounting hole



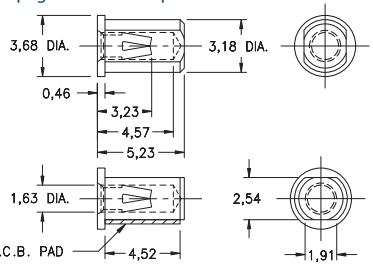
6800
6800-0-15-XX-34-XX-04-0
Solder mount in 2,03 min. mounting hole



0739
0739-0-15-XX-34-XX-10-0
Hex press-fit in 1,98 plated through-hole

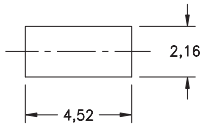


8206
8206-0-15-XX-34-XX-40-0
Surface mount, board edge
Also available on 16mm wide carrier tape:
Packaged Vertically 1,400 parts per 330mm reel
See page 194.14 for Tape & Reel details

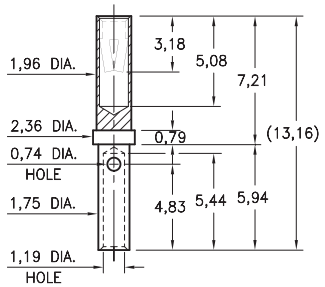




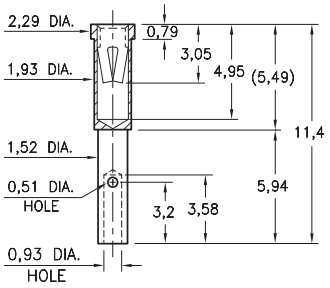
P.C.B. Layout



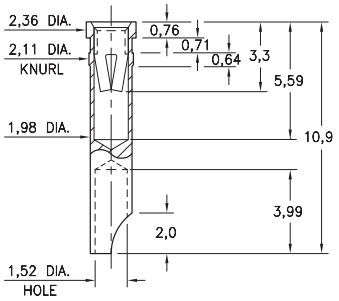
0720
0720-0-33-XX-34-XX-10-0
Wire crimp termination. Accepts wire sizes 20 AWG Max. / 24 AWG Min.



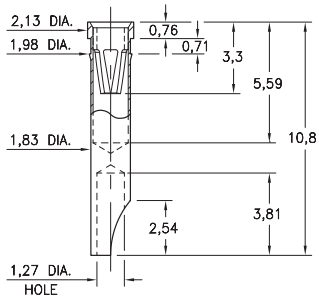
4130
4130-0-33-XX-34-XX-10-0
Wire crimp termination. Accepts wire sizes 22 AWG Max. / 26 AWG Min.



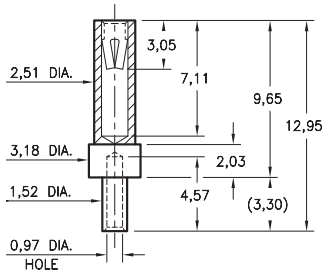
5084
5084-0-18-XX-34-XX-10-0
Press-fit in 2,06 mounting hole



0740
0740-0-18-XX-34-XX-10-0
Press-fit in 1,91 mounting hole
For wire sizes up to 20 AWG



8731
8731-0-19-XX-34-XX-10-0
Wire crimp termination. Accepts wire sizes 22 AWG Max. / 26 AWG Min.



SPECIFICATIONS:

Shell Material: Brass Alloy 360, 1/2 Hard

Contact Material: Beryllium Copper Alloy 172, HT

Dimensions: Millimeters

Tolerances On: Lengths: ± 0,13
Diameters: ± 0,051
Angles: ± 2 °

RoHS-2 2011/65/EU

ORDER CODE: XXXX - X - XX - XX - 34 - XX - XX - 0

BASIC PART #

SPECIFY SHELL FINISH:
- **01** 5,08µm TIN/LEAD OVER NICKEL
- ◆ **80** 5,08µm TIN OVER NICKEL (RoHS)
- ◆ **15** 0,25µm GOLD OVER NICKEL (RoHS)

SPECIFY CONTACT FINISH:
- **01** 5,08µm TIN/LEAD OVER NICKEL
- ◆ **80** 5,08µm TIN OVER NICKEL (RoHS)
- ◆ **27** 0,76µm GOLD OVER NICKEL (RoHS)

SELECT CONTACT:
#34 CONTACT (DATA ON PAGE 258)
(For alternate contact choices, see group E on page 248)

MILL-MAX® *Mill-Max Mfg. Corp. • 190 Pine Hollow Road, P.O. Box 300, Oyster Bay, NY 11771 • 516-922-6000 • Fax: 516-922-9253 • www.mill-max.com*

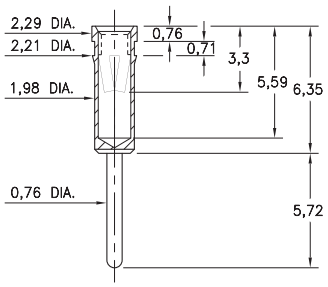
PIN RECEPTACLES

FOR 0,81 - 1,17 DIAMETER PINS

8369

8369-0-15-XX-34-XX-04-0

Press-fit in 2,13 mounting hole



SPECIFICATIONS:

Shell Material: Brass Alloy 360, 1/2 Hard

Contact Material: Beryllium Copper Alloy 172, HT

Dimensions: Millimeters

Tolerances On: Lengths: ± 0,13
Diameters: ± 0,051
Angles: ± 2 °

RoHS-2 2011/65/EU

ORDER CODE: XXXX - 0 - 15 - XX - 34 - XX - 10 - 0

BASIC PART #

SPECIFY SHELL FINISH:
- **01** 5,08µm TIN/LEAD OVER NICKEL
- **80** 5,08µm TIN OVER NICKEL (RoHS)
- **15** 0,25µm GOLD OVER NICKEL (RoHS)

SPECIFY CONTACT FINISH:
- **01** 5,08µm TIN/LEAD OVER NICKEL
- **80** 5,08µm TIN OVER NICKEL (RoHS)
- **27** 0,76µm GOLD OVER NICKEL (RoHS)

SELECT CONTACT:
#34 CONTACT (DATA ON PAGE 258)
(For alternate contact choices, see group E on page 248)

LOOSE PINS & RECEPTACLES ON T&R

LOOSE PINS & RECEPTACLES FOR AUTOMATED 'PICK & PLACE' ASSEMBLY

Mill-Max offers receptacles (discrete sockets) on carrier tape per EIA-481 to feed automated 'pick & place' assembly equipment. Our standard reel size is 330mm.

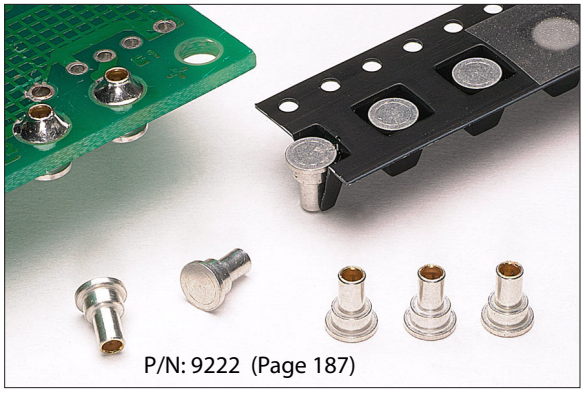
Two types of pins and receptacles are available on carrier tape: surface mount, flat types, which sit on the surface of the PCB where the pin or component lead plugs-in parallel to the PCB; and through-hole types where the lead plugs-in perpendicular to the PCB. Through-hole pins and receptacles are intrusive reflow soldered *.

In addition, open bottom through-hole receptacles are available loaded with our Organic Fibre Plug® barrier which prevents solder paste or flux from contaminating the spring contact. After soldering, the OFP® barrier is pushed out of the receptacle when the device is plugged in.

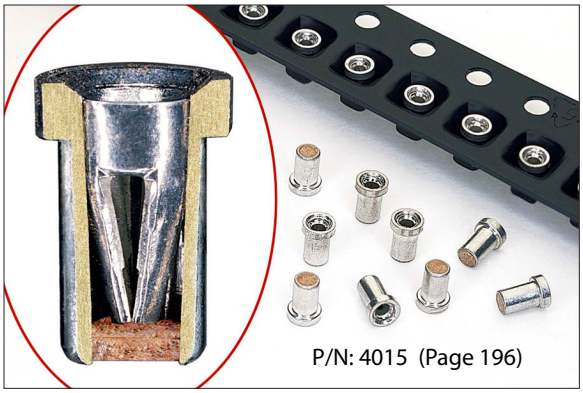
*Intrusive reflow (also called "pin-in-paste") is a technique of using conventional through-hole components in a reflow soldering process. The receptacles are placed into plated-through-holes in the circuit board (solder paste has previously been screen printed on pads adjacent to the holes) and the board is reflowed in the same pass as other SMT components. Solder will fill the plated-through-holes and achieve solder joints as reliable as wave soldering. The OFP® barrier prevents solder paste from being picked up inside the contact during pick 'n place assembly. "Overprinting" paste on the solder mask can be used to adjust the volume of paste required to fill each hole.



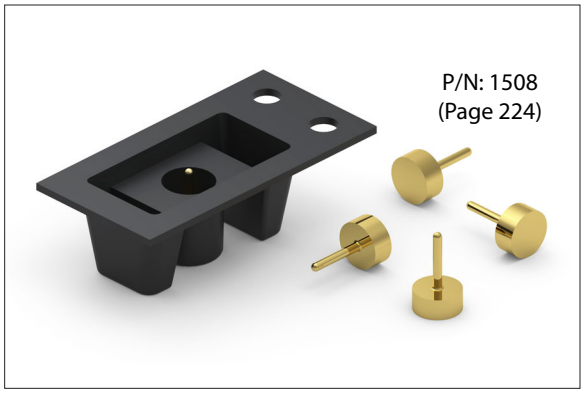
P/N: 3907
(Page 170)



P/N: 9222 (Page 187)



P/N: 4015 (Page 196)



P/N: 1508
(Page 224)

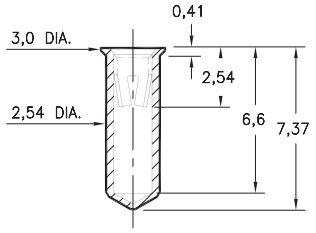
Mill-Max Mfg. Corp. • 190 Pine Hollow Road, P.O. Box 300, Oyster Bay, NY 11771 • 516-922-6000 • Fax: 516-922-9253 • www.mill-max.com

PIN RECEPTACLES

FOR 1,02 - 1,27 DIAMETER PINS (#02 CONTACT)
FOR 1,02 - 1,52 DIAMETER PINS (#03 CONTACT)

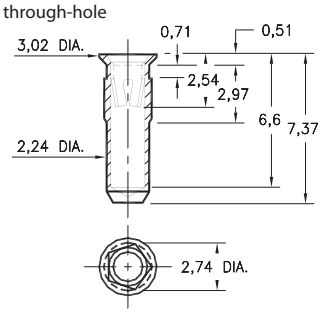
0355
0355-0-15-XX-02-XX-10-0

Solder mount in 2,59 min. mounting hole
Also available on 24mm wide carrier tape:
700 parts per 330mm reel
See page 194.16 for Tape & Reel details



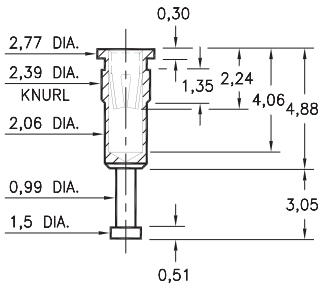
0354
0354-0-15-XX-02-XX-10-0

Pentagonal press-fit in 2,64 min. plated through-hole



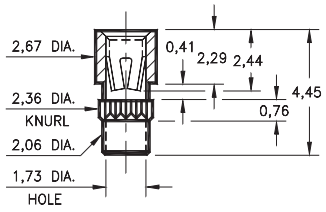
3490
3490-0-15-XX-02-XX-10-0

Press-fit in 2,31 mounting hole



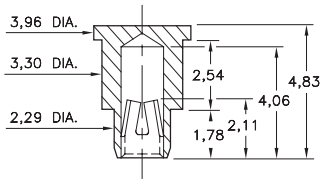
3808
3808-0-15-XX-02-XX-10-0

Press-fit in 2,29 mounting hole



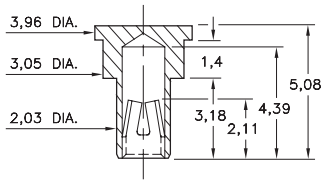
9184
9184-0-15-XX-02-XX-40-0

Bottom entry, surface mount
2,34 min. plated through-hole
Also available on carrier tape,
See page 194.16 for Tape & Reel details



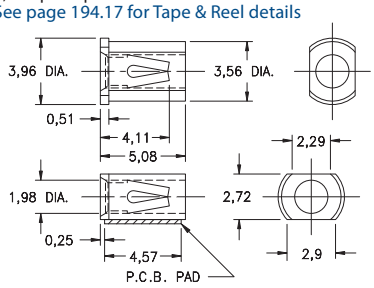
9222
9222-2-15-XX-02-XX-40-0

Bottom entry, surface mount
2,08 min. plated through-hole
Also available on carrier tape,
See page 194.16 for Tape & Reel details

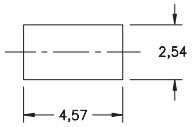


4064
4064-0-18-XX-03-XX-40-0

Surface mount
Also available on 16mm wide carrier tape:
2,400 parts per 330mm reel
See page 194.17 for Tape & Reel details



P.C.B. Layout



SPECIFICATIONS:

Shell Material: Brass Alloy 360, 1/2 Hard

Contact Material: Beryllium Copper Alloy 172, HT

Dimensions: Millimeters

Tolerances On: Lengths: ± 0,13
Diameters: ± 0,051
Angles: ± 2 °

RoHS-2 2011/65/EU

ORDER CODE: XXXX - X - XX - XX - 02 - XX - XX - 0

BASIC PART #

SPECIFY SHELL FINISH:
- **01** 5,08µm TIN/LEAD OVER NICKEL
- **80** 5,08µm TIN OVER NICKEL (RoHS)
- **15** 0,25µm GOLD OVER NICKEL (RoHS)

SPECIFY CONTACT FINISH:
- **01** 5,08µm TIN/LEAD OVER NICKEL
- **80** 5,08µm TIN OVER NICKEL (RoHS)
- **27** 0,76µm GOLD OVER NICKEL (RoHS)

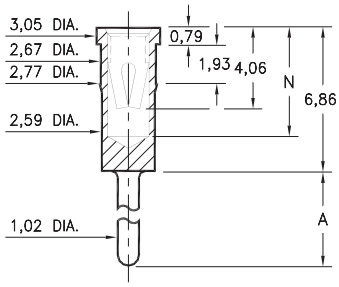
SELECT CONTACT:
#02 or #03 CONTACT (DATA ON PAGE 259)
(For alternate contact choices, see group F on page 248)

PIN RECEPTACLES

FOR 1,02 - 1,52 DIAMETER PINS (#03 CONTACT)
FOR 1,5 - 1,6 DIAMETER PINS (#42 CONTACT)

0433/8433
X433-0-15-XX-03-XX-04-0

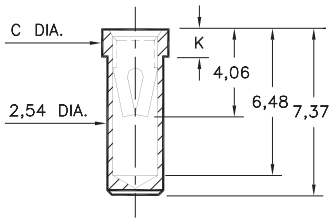
Press-fit in 2,69 mounting hole



Basic Part Number	Length A	Depth N
0433-0	3,05	5,21
8433-0	8,0	5,84

0435/0436
043X-0-15-XX-03-XX-10-0

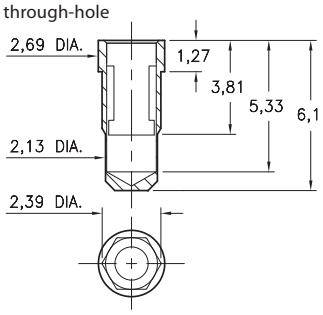
Solder mount in 2,59 min. mounting hole
Also available on 24mm wide carrier tape:
950 parts per 330mm reel
See page 194.17 for Tape & Reel details



Basic Part Number	Dia. C	Length K
0435-0	3,0	1,27
0436-0	3,18	1,78

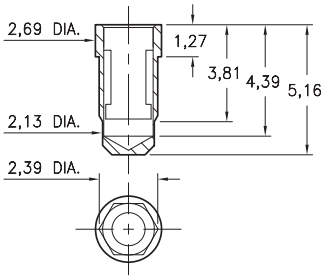
0342
0342-0-15-XX-42-XX-10-0

Hex press-fit in 2,29±0,05 plated through-hole



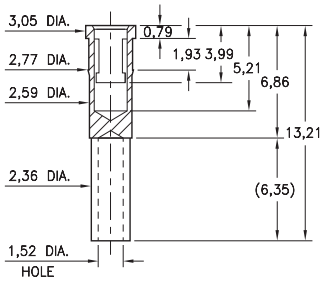
6342
6342-0-15-XX-42-XX-10-0

Hex press-fit in 2,29±0,05 plated through-hole



6433
6433-0-19-XX-42-XX-10-0

Press-fit in 2,69 mounting hole
Wire crimp termination. Accepts wire sizes 18 AWG Max. / 22 AWG Min.



Mechanical Data #42 Contact:
Insertion/Extraction Force with a Ø1,55 (nominal) pin:

First Cycle		2nd & Subsequent Cycles	
Insertion Force	Extraction Force	Insertion Force	Extraction Force
20N	6N	10N	6N

Compliancy Test (the "spring back" characteristic of the contact to accept Ø 1,5 small pin after insertion of a Ø1,6 large pin) :

Initial Cycle with Ø1,5 pin		Second Cycle with Ø1,6 pin		Third Cycle with Ø1,5 pin	
Ins. Force	Ext. Force	Ins. Force	Ext. Force	Ins. Force	Ext. Force
18N	6N	22N	7N	3N	2N

(Insertion/Extraction Forces are in Newtons and measured with polished steel gage pins having elliptical shaped tips).

SPECIFICATIONS:

Shell Material: Brass Alloy 360, 1/2 Hard

Contact Material: Beryllium Copper Alloy 172, HT

Dimensions: Millimeters

Tolerances On: Lengths: ± 0,13
Diameters: ± 0,051
Angles: ± 2 °

RoHS-2 2011/65/EU

ORDER CODE: XXXX - X - XX - XX - XX - XX - XX - 0

BASIC PART #

SPECIFY SHELL FINISH:
- **01** 5,08µm TIN/LEAD OVER NICKEL
- **80** 5,08µm TIN OVER NICKEL (RoHS)
- **15** 0,25µm GOLD OVER NICKEL (RoHS)

SELECT CONTACT:
#03 or #42 CONTACT (DATA ON PAGE 259)

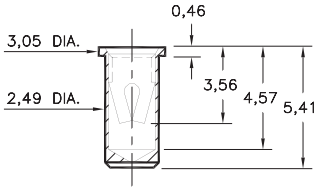
SPECIFY CONTACT FINISH:
- **01** 5,08µm TIN/LEAD OVER NICKEL
- **80** 5,08µm TIN OVER NICKEL (RoHS)
- **27** 0,76µm GOLD OVER NICKEL (RoHS)

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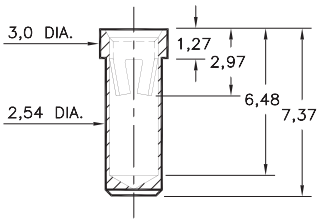
PIN RECEPTACLES

FOR 1,22 - 1,63 DIAMETER PINS (#13 CONTACT)
FOR 1,14 - 1,65 DIAMETER PINS (#23 CONTACT)

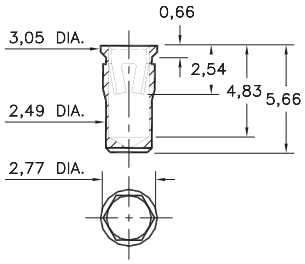
0364
0364-0-15-XX-13-XX-10-0
Solder mount in 2,54 min. mounting hole
Also available on 16mm wide carrier tape:
1,300 parts per 330mm reel
See page 194.17 for Tape & Reel details



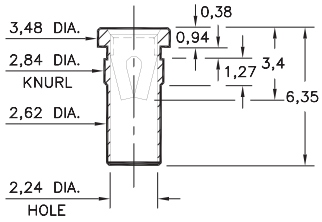
0363
0363-0-15-XX-23-XX-10-0
Solder mount in 2,59 min. mounting hole



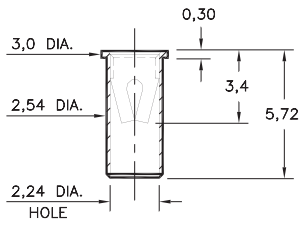
0365
0365-0-15-XX-23-XX-10-0
Hex press-fit in 2,67 plated through-hole
Also available on 16mm wide carrier tape:
1,200 parts per 330mm reel
See page 194.18 for Tape & Reel details



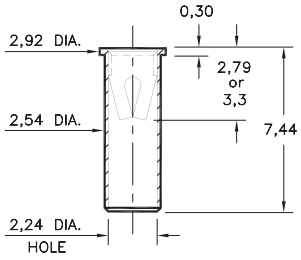
0366
0366-0-15-XX-13-XX-10-0
Press-fit in 2,77 mounting hole



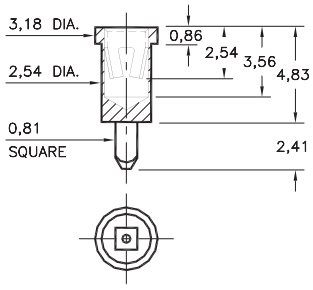
0372
0372-0-15-XX-13-XX-10-0
Solder mount in 2,59 min. mounting hole
Also available on 24mm wide carrier tape:
950 parts per 330mm reel
See page 194.17 for Tape & Reel details



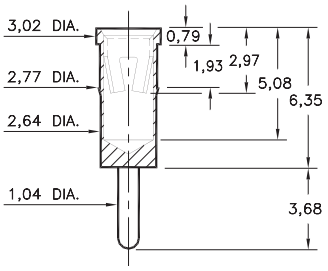
0362
0362-0-15-XX-X3-XX-10-0
Solder mount in 2,59 min. mounting hole



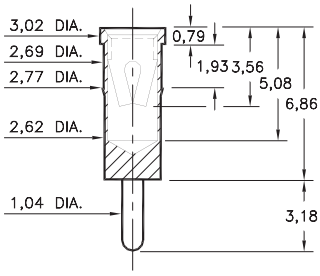
0367
0367-0-15-XX-23-XX-10-0
Square press-fit in 1,02 plated through-hole



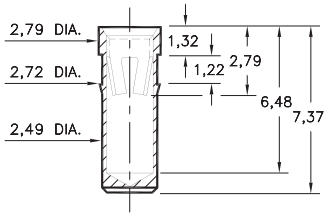
9324
9324-0-15-XX-23-XX-04-0
Press-fit in 2,69 mounting hole



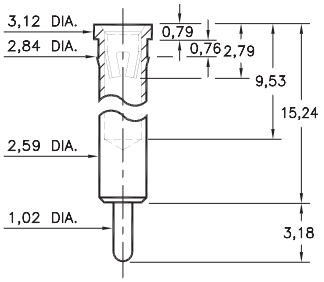
0492
0492-0-15-XX-13-XX-04-0
Press-fit in 2,69 mounting hole



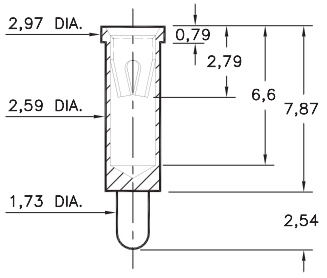
0381
0381-0-15-XX-23-XX-10-0
Press-fit in 2,64 mounting hole



4034
4034-0-15-XX-23-XX-04-0
Press-fit in 2,77 mounting hole



3044
3044-0-15-XX-23-XX-04-0
Solder mount in 2,64 min. mounting hole



SPECIFICATIONS:

Shell Material: Brass Alloy 360, 1/2 Hard

Contact Material: Beryllium Copper Alloy 172, HT

Dimensions: Millimeters

Tolerances On: Lengths: ± 0,13
Diameters: ± 0,051
Angles: ± 2 °

RoHS-2 2011/65/EU

ORDER CODE: XXXX - X - XX - XX - XX - XX - XX - 0

BASIC PART #

SPECIFY SHELL FINISH:
- **01** 5,08µm TIN/LEAD OVER NICKEL
- **80** 5,08µm TIN OVER NICKEL (RoHS)
- **15** 0,25µm GOLD OVER NICKEL (RoHS)

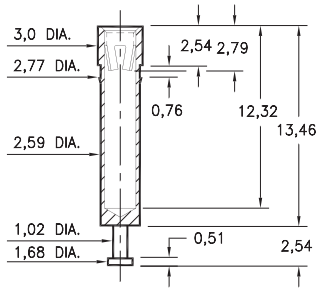
SPECIFY CONTACT FINISH:
- **01** 5,08µm TIN/LEAD OVER NICKEL
- **80** 5,08µm TIN OVER NICKEL (RoHS)
- **27** 0,76µm GOLD OVER NICKEL (RoHS)

SELECT CONTACT:
#13 or #23 CONTACT (DATA ON PAGE 260)
(For alternate contact choices, see group G on page 248)

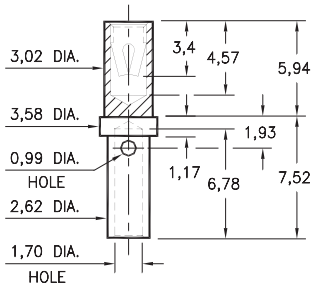
PIN RECEPTACLES

FOR 1,22 - 1,63 DIAMETER PINS (#13 CONTACT)
FOR 1,14 - 1,65 DIAMETER PINS (#23 CONTACT)

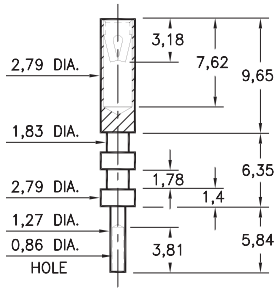
0496
0496-0-15-XX-23-XX-10-0
Press-fit in 2,69 mounting hole



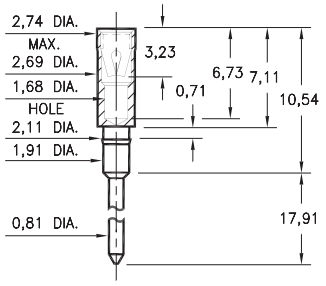
0368
0368-0-33-XX-13-XX-10-0
Wire crimp termination. Accepts wire sizes 16 AWG Max. / 20 AWG Min.



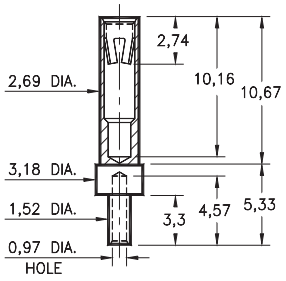
8067
8067-0-19-XX-13-XX-10-0
Wire Termination. Accepts wire sizes 24 AWG Max. / 28 AWG Min.



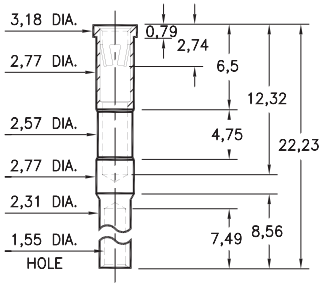
1105
1105-0-15-XX-13-XX-04-0
Press-fit in 2,03 mounting hole



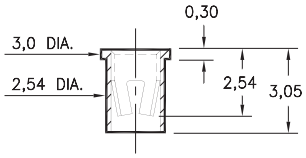
8730
8730-0-19-XX-23-XX-10-0
Wire crimp termination. Accepts wire sizes 22 AWG Max. / 26 AWG Min.



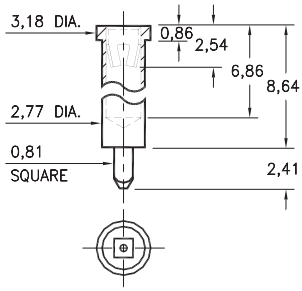
3667
3667-0-19-XX-23-XX-10-0
Wire crimp termination. Accepts wire sizes 18 AWG Max. / 22 AWG Min.



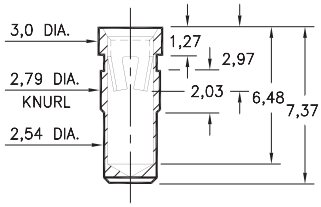
9372
9372-0-15-XX-23-XX-10-0
Solder mount in 2,59 min. mounting hole
Also available on 16mm wide carrier tape: 2,400 parts per 330mm reel
See page 194.18 for Tape & Reel details



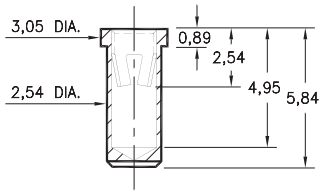
4582
4582-0-15-XX-23-XX-10-0
Square press-fit in 1,02 plated through-hole



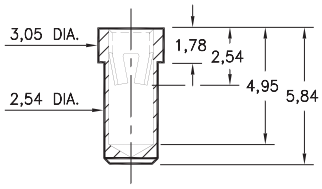
5834
5834-0-15-XX-23-XX-10-0
Press-fit in 2,72 mounting hole



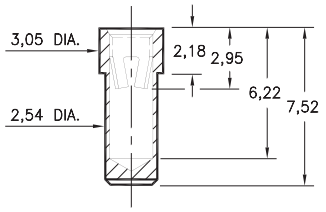
9401
9401-0-15-XX-23-XX-10-0
Solder mount in 2,59 min. mounting hole
Also available on 24mm wide carrier tape: 1,100 parts per 330mm reel
See page 194.18 for Tape & Reel details



9801
9801-0-15-XX-23-XX-10-0
Solder mount in 2,59 min. mounting hole
Also available on 16mm wide carrier tape: 1,200 parts per 330mm reel
See page 194.18 for Tape & Reel details



8829
8829-0-15-XX-23-XX-10-0
Solder mount in 2,59 min. mounting hole
Also available on 24mm wide carrier tape: 950 parts per 330mm reel
See page 194.18 for Tape & Reel details



SPECIFICATIONS:

Shell Material: Brass Alloy 360, 1/2 Hard

Contact Material: Beryllium Copper Alloy 172, HT

Dimensions: Millimeters

Tolerances On: Lengths: ± 0,13
Diameters: ± 0,051
Angles: ± 2 °

RoHS-2 2011/65/EU

ORDER CODE: XXXX - X - XX - XX - XX - XX - XX - 0

BASIC PART #

SPECIFY SHELL FINISH:
- **01** 5,08µm TIN/LEAD OVER NICKEL
- **80** 5,08µm TIN OVER NICKEL (RoHS)
- **15** 0,25µm GOLD OVER NICKEL (RoHS)

SPECIFY CONTACT FINISH:
- **01** 5,08µm TIN/LEAD OVER NICKEL
- **80** 5,08µm TIN OVER NICKEL (RoHS)
- **27** 0,76µm GOLD OVER NICKEL (RoHS)

SELECT CONTACT:
#13 or #23 CONTACT (DATA ON PAGE 260)
(For alternate contact choices, see group G on page 248)

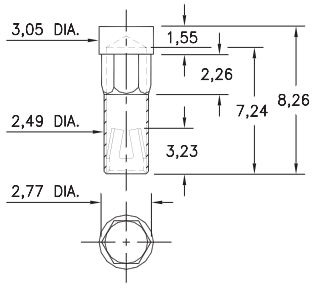
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PIN RECEPTACLES

FOR 1,22 - 1,63 DIAMETER PINS (#13 CONTACT)
FOR 1,14 - 1,65 DIAMETER PINS (#23 CONTACT)

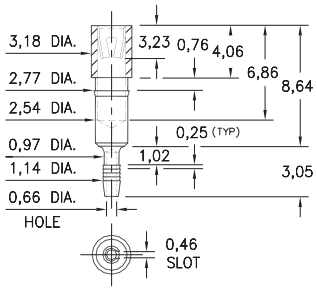
8365
8365-0-15-XX-13-XX-10-0

Hex press-fit in 2,69 plated through-hole



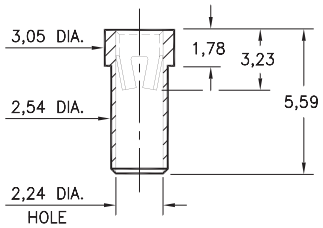
8996
8996-0-31-XX-13-XX-04-0

Compliant press-fit in 1,02 ±0,08 plated hole. For 1,52 → 2,54 thick board



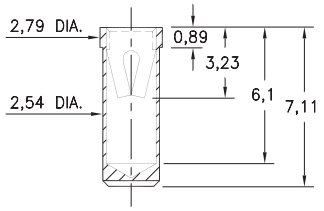
9064
9064-0-15-XX-13-XX-10-0

Solder mount in 2,59 min. mounting hole
Also available on 16mm wide carrier tape: 1,300 parts per 330mm reel
See page 194.17 for Tape & Reel details



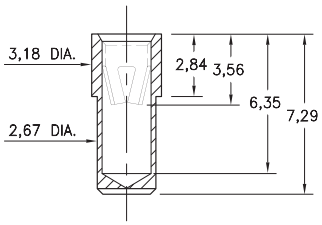
9280
9280-0-15-XX-13-XX-10-0

Solder mount in 2,59 min. mounting hole



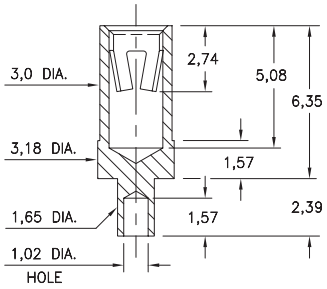
8347
8347-0-15-XX-13-XX-10-0

Solder mount in 2,77 min. mounting hole



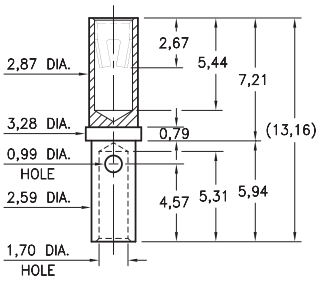
4900
4900-0-19-XX-23-XX-10-0

Swage mount in 1,70 hole



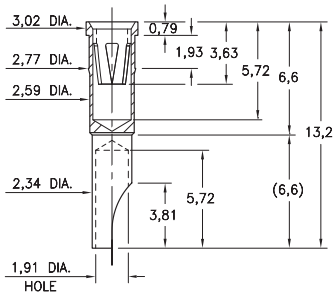
0716
0716-0-33-XX-23-XX-10-0

Wire crimp termination. Accepts wire sizes 16 AWG Max. / 20 AWG Min.



0760
0760-0-18-XX-13-XX-10-0

Press-fit in 2,69 mounting hole
For wire sizes up to 16 AWG



SPECIFICATIONS:

Shell Material: Brass Alloy 360, 1/2 Hard

Contact Material: Beryllium Copper Alloy 172, HT

Dimensions: Millimeters

Tolerances On: Lengths: ± 0,13
Diameters: ± 0,051
Angles: ± 2 °

RoHS-2 2011/65/EU

ORDER CODE: XXXX - X - XX - XX - XX - XX - XX - 0

BASIC PART #

SPECIFY SHELL FINISH:
- **01** 5,08µm TIN/LEAD OVER NICKEL
- **80** 5,08µm TIN OVER NICKEL (RoHS)
- **15** 0,25µm GOLD OVER NICKEL (RoHS)

SPECIFY CONTACT FINISH:
- **01** 5,08µm TIN/LEAD OVER NICKEL
- **80** 5,08µm TIN OVER NICKEL (RoHS)
- **27** 0,76µm GOLD OVER NICKEL (RoHS)

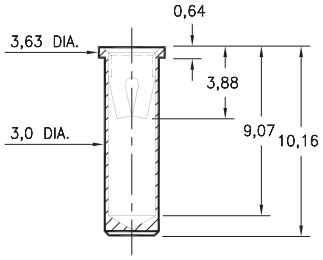
SELECT CONTACT:
#13 or #23 CONTACT (DATA ON PAGE 260)
(For alternate contact choices, see group G on page 248)

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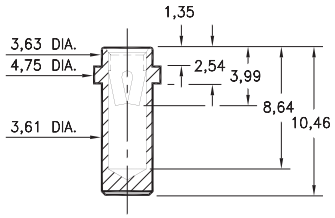
PIN RECEPTACLES

FOR 1,65 - 2,08 DIAMETER PINS

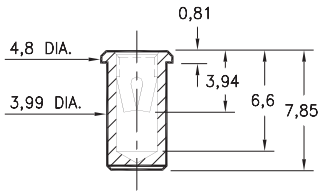
0394
0394-0-15-XX-07-XX-10-0
Solder mount in 3,05 min. mounting hole



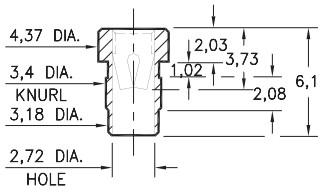
0393
0393-0-15-XX-07-XX-10-0
Solder mount in 3,66 min. mounting hole
Also available on 32mm wide carrier tape:
490 parts per 330mm reel
See page 194.19 for Tape & Reel details



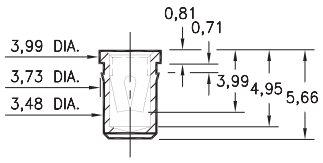
0391
0391-0-15-XX-07-XX-10-0
Solder mount in 4,04 min. mounting hole



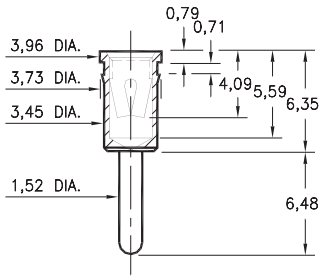
9016
9016-0-15-XX-07-XX-10-0
Press-fit in 3,33 mounting hole



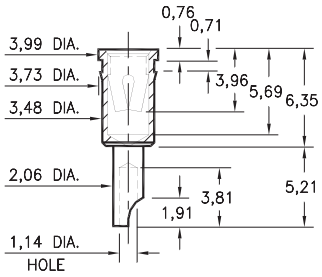
0493
0493-0-15-XX-07-XX-10-0
Press-fit in 3,66 mounting hole



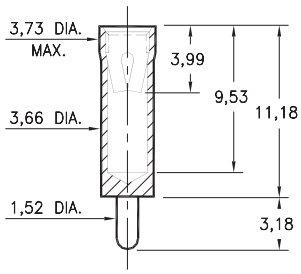
0490
0490-0-15-XX-07-XX-04-0
Press-fit in 3,66 mounting hole



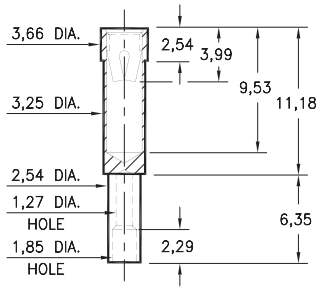
0616
0616-0-18-XX-07-XX-10-0
Press-fit in 3,66 mouting hole
Accepts wire sizes up to 0,89 dia.



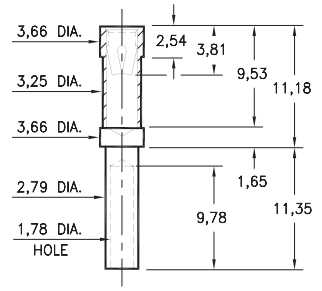
0387
0387-0-15-XX-07-XX-04-0
Solder mount in 1,60 min. mounting hole



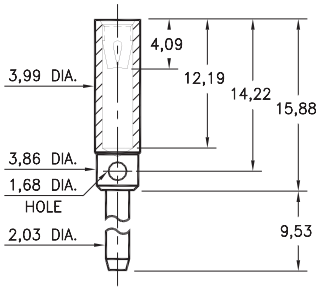
0370
0370-0-19-XX-07-XX-10-0
Wire crimp termination. Accepts wire sizes 20 AWG Max. / 24 AWG Min.



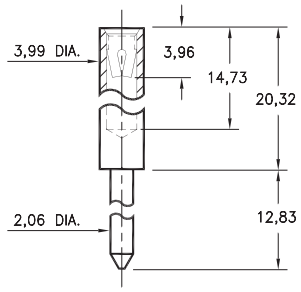
4040
4040-0-19-XX-07-XX-10-0
Wire crimp termination. Accepts wire sizes 16 AWG Max. / 20 AWG Min.



0491
0491-0-19-XX-07-XX-04-0
For horizontal wire termination



9214
9214-0-15-XX-07-XX-10-0
Solder mount in 2,11 min. mounting hole



SPECIFICATIONS:

Shell Material: Brass Alloy 360, 1/2 Hard

Contact Material: Beryllium Copper Alloy 172, HT

Dimensions: Millimeters

Tolerances On: Lengths: ± 0,13
Diameters: ± 0,051
Angles: ± 2 °

RoHS-2 2011/65/EU

ORDER CODE: XXXX - X - 1X - XX - 07 - XX - XX - 0

BASIC PART #

SPECIFY SHELL FINISH:
- **01** 5,08µm TIN/LEAD OVER NICKEL
- **80** 5,08µm TIN OVER NICKEL (RoHS)
- **15** 0,25µm GOLD OVER NICKEL (RoHS)

SPECIFY CONTACT FINISH:
- **01** 5,08µm TIN/LEAD OVER NICKEL
- **80** 5,08µm TIN OVER NICKEL (RoHS)
- **27** 0,76µm GOLD OVER NICKEL (RoHS)

SELECT CONTACT:
#07 CONTACT (DATA ON PAGE 261)
(For alternate contact choices, see group H on page 248)

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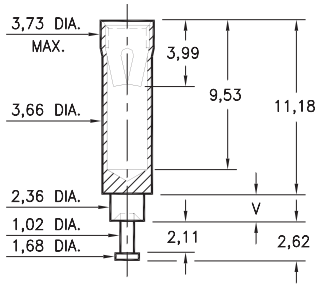
PIN RECEPTACLES

FOR 1,65 - 2,08 DIAMETER PINS

0395

0395-X-15-XX-07-XX-10-0

Swage mount in 2,44 hole

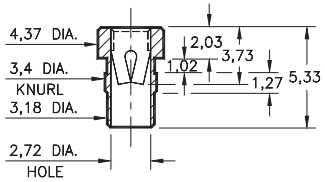


Basic Part Number	Board Thickness	Length V
0395-1	0,79	1,57
0395-2	1,57	2,39
0395-3	2,39	3,18
0395-4	3,18	3,96
0395-5	4,78	5,56

8016

8016-0-15-XX-07-XX-10-0

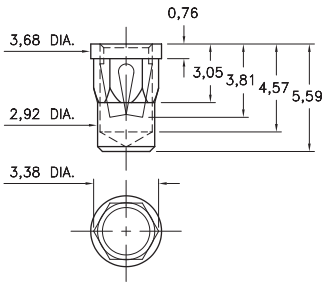
Press-fit in 3,33 mounting hole



0350

0350-0-15-XX-07-XX-10-0

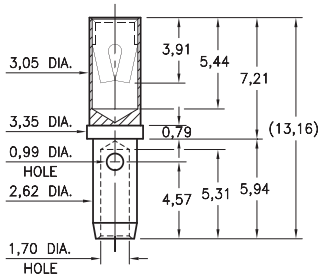
Hex press-fit in 3,28±0,05 plated through-hole



0714

0714-0-33-XX-07-XX-10-0

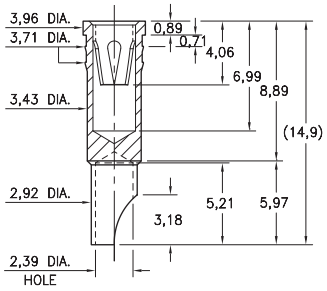
Wire crimp termination. Accepts wire sizes 16 AWG Max. / 20 AWG Min.



0778

0778-0-18-XX-07-XX-10-0

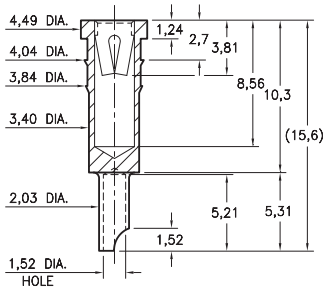
Press-fit in 3,63 mouting hole
Accepts wire sizes up to 14 AWG



9177

9177-0-18-XX-07-XX-10-0

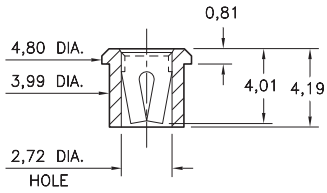
Press-fit in 3,84 mouting hole
Accepts wire sizes up to 16 AWG



5391

5391-0-15-XX-07-XX-10-0

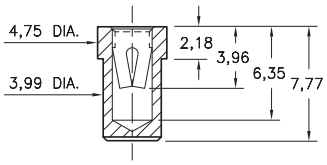
Solder mount in 4,04 min. mounting hole



8837

8837-0-15-XX-14-XX-10-0

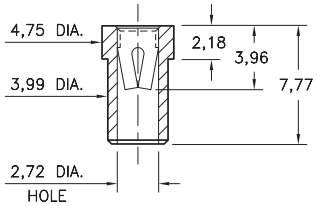
Solder mount in 4,04 min. mounting hole



9837

9837-0-15-XX-14-XX-10-0

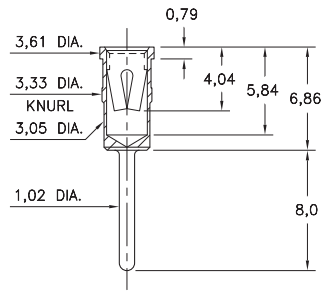
Solder mount in 4,04 min. mounting hole



8994

8994-0-15-XX-07-XX-04-0

Press-fit in 3,25 mounting hole



SPECIFICATIONS:

Shell Material: Brass Alloy 360, 1/2 Hard

Contact Material: Beryllium Copper Alloy 172, HT

Dimensions: Millimeters

Tolerances On: Lengths: ± 0,13
Diameters: ± 0,051
Angles: ± 2 °

RoHS-2 2011/65/EU

ORDER CODE: XXXX - X - XX - XX - XX - XX - 10 - 0

BASIC PART #

SPECIFY SHELL FINISH:
- **01** 5,08µm TIN/LEAD OVER NICKEL
- **80** 5,08µm TIN OVER NICKEL (RoHS)
- **15** 0,25µm GOLD OVER NICKEL (RoHS)

SPECIFY CONTACT FINISH:
- **01** 5,08µm TIN/LEAD OVER NICKEL
- **80** 5,08µm TIN OVER NICKEL (RoHS)
- **27** 0,76µm GOLD OVER NICKEL (RoHS)

SELECT CONTACT:
#07 or #14 CONTACT (DATA ON PAGE 261)
(For alternate contact choices, see group H on page 248)

MILL-MAX® *Mill-Max Mfg. Corp. • 190 Pine Hollow Road, P.O. Box 300, Oyster Bay, NY 11771 • 516-922-6000 • Fax: 516-922-9253 • www.mill-max.com*

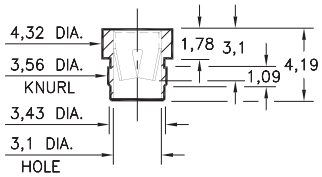
PIN RECEPTACLES

FOR 2,13 - 2,59 DIAMETER PINS

0388

0388-0-15-XX-08-XX-10-0

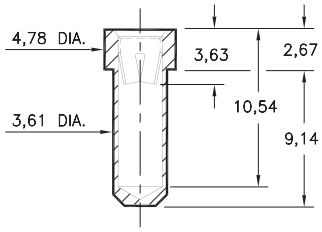
Press-fit in 3,51 mounting hole



0390

0390-0-15-XX-08-XX-10-0

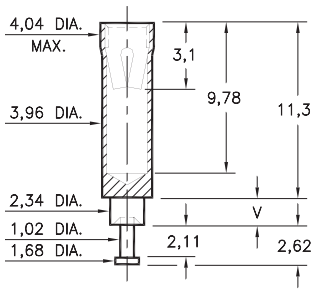
Solder mount in 3,66 min. mounting hole
Also available on 44mm wide carrier tape:
425 parts per 330mm reel
See page 194.19 for Tape & Reel details



0389

0389-X-15-XX-08-XX-10-0

Swage mount in 2,39 hole

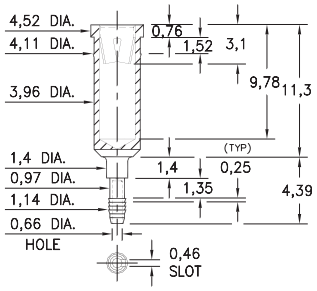


Basic Part Number	Board Thickness	Length V
0389-2	1,57	2,39
0389-3	2,39	3,18
0389-4	3,18	3,96

8963

8963-0-31-XX-08-XX-04-0

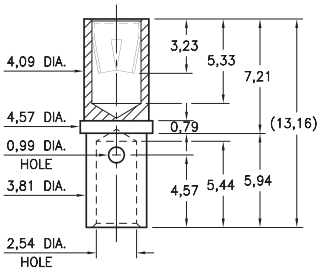
Compliant press-fit in 1,02 ± 0,08 plated hole. For 1,52 → 2,54 thick board



0712

0712-0-33-XX-08-XX-10-0

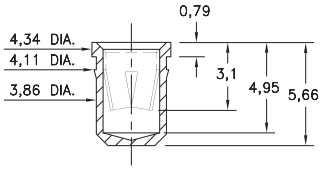
Wire crimp termination. Accepts wire sizes 12 AWG Max. / 14 AWG Min.



5493

5493-0-15-XX-08-XX-10-0

Press-fit in 4,01 mounting hole



SPECIFICATIONS:

Shell Material: Brass Alloy 360, 1/2 Hard

Contact Material: Beryllium Copper Alloy 172, HT

Dimensions: Millimeters

Tolerances On: Lengths: ± 0,13
Diameters: ± 0,051
Angles: ± 2 °

RoHS-2 2011/65/EU

ORDER CODE: XXXX - X - XX - XX - 08 - XX - XX - 0

BASIC PART #

SPECIFY SHELL FINISH:
- **01** 5,08µm TIN/LEAD OVER NICKEL
- **80** 5,08µm TIN OVER NICKEL (RoHS)
- **15** 0,25µm GOLD OVER NICKEL (RoHS)

SELECT CONTACT:
#08 CONTACT (DATA ON PAGE 262)

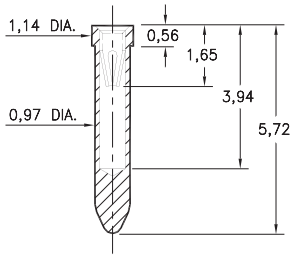
SPECIFY CONTACT FINISH:
- **01** 5,08µm TIN/LEAD OVER NICKEL
- **80** 5,08µm TIN OVER NICKEL (RoHS)
- **27** 0,76µm GOLD OVER NICKEL (RoHS)

PIN RECEPTACLES

FOR 0,30 - 0,43 DIAMETER PINS (#10 CONTACT)
FOR 0,38 - 0,51 DIAMETER PINS (#11 CONTACT)
RECEPTACLES ON TAPE & REEL PACKAGING

8947
8947-0-57-XX-10-XX-10-0

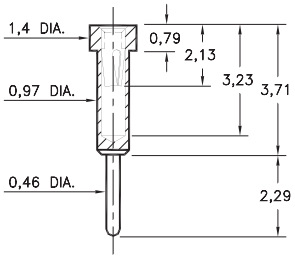
Solder mount in 1,02 min. mounting hole
24mm wide X 8mm pitch carrier tape:
1,350 parts per 330mm reel.





9407
9407-0-57-XX-11-XX-10-0

Solder mount in 1,02 min. mounting hole
24mm wide X 8mm pitch carrier tape:
1,300 parts per 330mm reel.





SPECIFICATIONS:

Shell Material: Brass Alloy 360, 1/2 Hard

Contact Material: Beryllium Copper Alloy 172, HT

Dimensions: Millimeters

Tolerances On: Lengths: ± 0,13
Diameters: ± 0,051
Angles: ± 2 °

RoHS-2 2011/65/EU

ORDER CODE: XXXX - X - XX - XX - XX - XX - XX - 0

BASIC PART #

SPECIFY SHELL FINISH:
- **01** 5,08µm TIN/LEAD OVER NICKEL
- **80** 5,08µm TIN OVER NICKEL (RoHS)
- **15** 0,25µm GOLD OVER NICKEL (RoHS)

SPECIFY CONTACT FINISH:
- **02** 2,54µm TIN/LEAD OVER NICKEL
- **84** 2,54µm TIN OVER NICKEL (RoHS)
- **27** 0,76µm GOLD OVER NICKEL (RoHS)

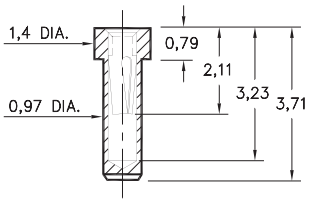
SELECT CONTACT:
#10 or #11 CONTACT (DATA ON PAGE 250 & 251)
(For alternate contact choices, see group A on page 248)

PIN RECEPTACLES

FOR 0,38 - 0,51 DIAMETER PINS (#11 CONTACT)
FOR 0,38 - 0,56 DIAMETER PINS (#21 CONTACT)
RECEPTACLES ON TAPE & REEL PACKAGING

1407
1407-0-57-XX-11-XX-10-0

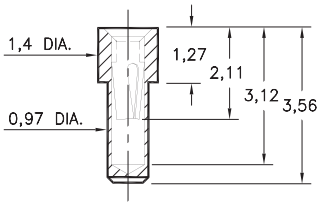
Solder mount in 1,02 min. mounting hole
16mm wide X 8mm pitch carrier tape:
1,500 parts per 330mm reel.

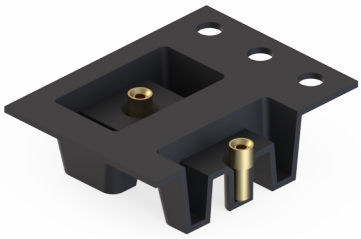




0569
0569-0-57-XX-X1-XX-10-0

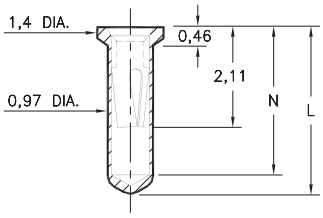
Solder mount in 1,02 min. mounting hole
16mm wide X 8mm pitch carrier tape:
2,000 parts per 330mm reel.





0552
0552-X-57-XX-X1-XX-10-0

Solder mount in 1,02 min. mounting hole
16mm wide X 8mm pitch carrier tape:
1,500 parts per 330mm reel.

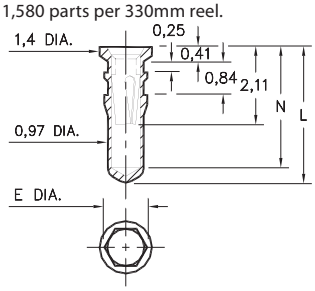




Basic Part Number	Length L	Depth N
0552-1	3,45	3,05
0552-2	4,32	3,81

0553
0553-2-57-XX-11-XX-10-0

Hex press-fit in 1,04 plated through-hole
16mm wide X 8mm pitch carrier tape:
1,580 parts per 330mm reel.

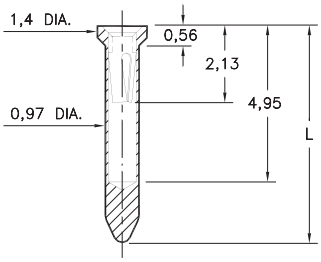


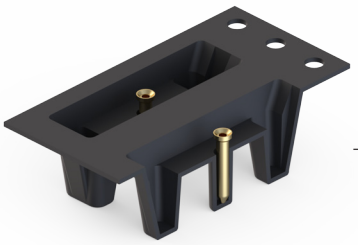


Basic Part Number	Hex Dia. E	Length L	Depth N
0553-1	1,12	3,56	3,15
0553-2	1,12	4,32	3,91
0553-3	1,12	7,16	6,76

8579
8579-X-57-XX-X1-XX-10-0

Solder mount in 1,02 min. mounting hole
24mm wide X 8mm pitch carrier tape:
See chart for Tape & Reel Qtys.





Basic Part Number	Length L
8579-0	5,94
8579-1	7,49

T&R Packaging

Basic Part Number	Tape Width	Parts per 330mm Reel
8579-0	24mm	1,200
8579-1	24mm	1,000

SPECIFICATIONS:

Shell Material: Brass Alloy 360, 1/2 Hard

Contact Material: Beryllium Copper Alloy 172, HT

Dimensions: Millimeters

Tolerances On: Lengths: ± 0,13
Diameters: ± 0,051
Angles: ± 2 °

RoHS-2 2011/65/EU

ORDER CODE: XXXX - X - XX - XX - XX - XX - XX - 0

BASIC PART #

SPECIFY SHELL FINISH:
- **01** 5,08µm TIN/LEAD OVER NICKEL
- ◆ **80** 5,08µm TIN OVER NICKEL (RoHS)
- ◆ **15** 0,25µm GOLD OVER NICKEL (RoHS)

SPECIFY CONTACT FINISH:
- **02** 2,54µm TIN/LEAD OVER NICKEL
- ◆ **84** 2,54µm TIN OVER NICKEL (RoHS)
- ◆ **27** 0,76µm GOLD OVER NICKEL (RoHS)

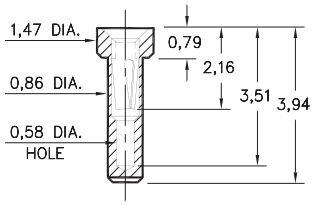
SELECT CONTACT:
#11 or #21 CONTACT (DATA ON PAGE 251)
(For alternate contact choices, see group A on page 248)

PIN RECEPTACLES

FOR 0,38 - 0,56 DIAMETER PINS
RECEPTACLES ON TAPE & REEL PACKAGING

0548
0548-0-57-XX-21-XX-10-0

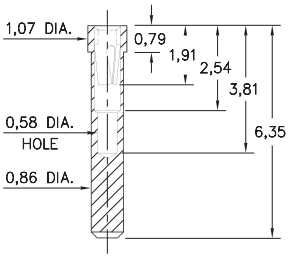
Solder mount in 0,91 min. mounting hole
16mm wide X 8mm pitch carrier tape:
1,900 parts per 330mm reel.





8975
8975-0-57-XX-21-XX-10-0

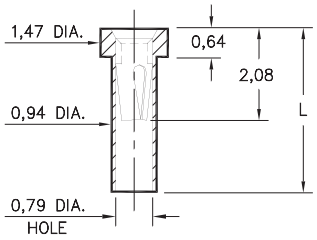
Solder mount in 0,91 min. mounting hole
24mm wide X 8mm pitch carrier tape:
1,200 parts per 330mm reel.





0566
0566-X-57-XX-21-XX-10-0

Solder mount in 1,0 min. mounting hole
16mm wide X 8mm pitch carrier tape:
See chart for details.

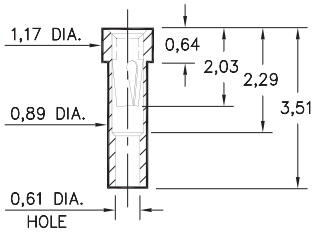


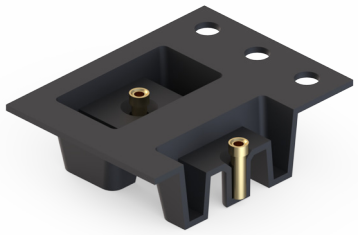


Basic Part Number	Length L	Parts per 13" Reel
0566-1	2,11	3,000
0566-2	3,51	2,100

8637
8637-0-57-XX-21-XX-10-0

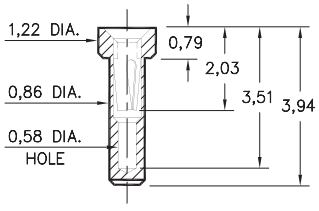
Solder mount in 0,94 min. mounting hole
16mm wide X 8mm pitch carrier tape:
2,000 parts per 330mm reel.





3016
3016-0-57-XX-21-XX-10-0

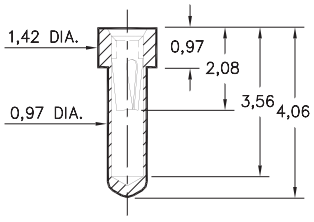
Solder mount in 0,91 min. mounting hole
16mm wide X 8mm pitch carrier tape:
1,900 parts per 330mm reel.

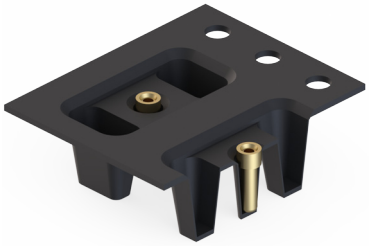




0554
0554-0-57-XX-21-XX-10-0

Solder mount in 1,02 min. mounting hole
16mm wide X 8mm pitch carrier tape:
1,850 parts per 330mm reel.





SPECIFICATIONS:

Shell Material: Brass Alloy 360, 1/2 Hard

Contact Material: Beryllium Copper Alloy 172, HT

Dimensions: Millimeters

Tolerances On: Lengths: ± 0,13
Diameters: ± 0,051
Angles: ± 2 °

RoHS-2 2011/65/EU

ORDER CODE: XXXX - X - XX - XX - XX - XX - XX - 0

BASIC PART #

SPECIFY SHELL FINISH:
- **01** 5,08µm TIN/LEAD OVER NICKEL
- **80** 5,08µm TIN OVER NICKEL (RoHS)
- **15** 0,25µm GOLD OVER NICKEL (RoHS)

SPECIFY CONTACT FINISH:
- **02** 2,54µm TIN/LEAD OVER NICKEL
- **84** 2,54µm TIN OVER NICKEL (RoHS)
- **27** 0,76µm GOLD OVER NICKEL (RoHS)

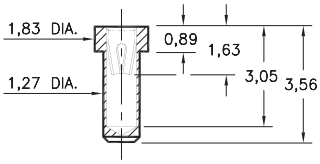
SELECT CONTACT:
#21 CONTACT (DATA ON PAGE 251)
(For alternate contact choices, see group A, B & C on page 248)

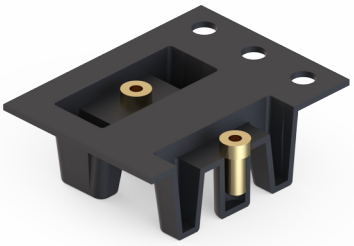
PIN RECEPTACLES

FOR 0,38 - 0,56 DIAMETER PINS
RECEPTACLES ON TAPE & REEL PACKAGING

0550 *
0550-0-57-XX-22-XX-10-0

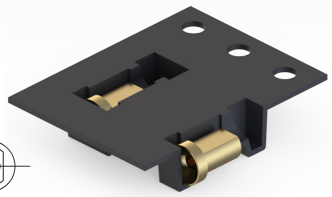
Solder mount in 1,32 min. mounting hole
16mm wide X 8mm pitch carrier tape:
1,700 parts per 330mm reel.

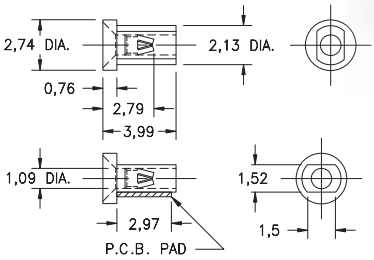




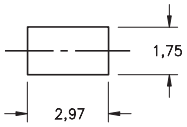
5739 *
5739-0-58-XX-12-XX-10-0

Surface mount
16mm wide X 8mm pitch carrier tape:
3,000 parts per 330mm reel.





P.C.B. Layout



SPECIFICATIONS:

Shell Material: Brass Alloy 360, 1/2 Hard

Contact Material: Beryllium Copper Alloy 172, HT

Dimensions: Millimeters

Tolerances On: Lengths: ± 0,13
Diameters: ± 0,051
Angles: ± 2 °

RoHS-2 2011/65/EU

ORDER CODE: XXXX - X - XX - XX - XX - XX - XX - 0

BASIC PART #

SPECIFY SHELL FINISH:
- **01** 5,08µm TIN/LEAD OVER NICKEL
- **80** 5,08µm TIN OVER NICKEL (RoHS)
- **15** 0,25µm GOLD OVER NICKEL (RoHS)

SPECIFY CONTACT FINISH:
- **02** 2,54µm TIN/LEAD OVER NICKEL
- **84** 2,54µm TIN OVER NICKEL (RoHS)
- **27** 0,76µm GOLD OVER NICKEL (RoHS)

SELECT CONTACT:
#12 or #22 CONTACT (DATA ON PAGE 252)

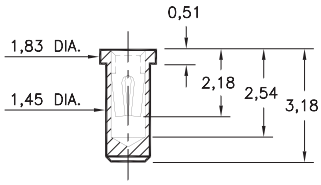
* (Contact may be interchanged with group B or C contact on page 248)

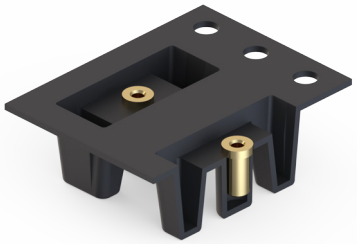
PIN RECEPTACLES

FOR 0,38 - 0,64 DIAMETER PINS
RECEPTACLES ON TAPE & REEL PACKAGING

0669
0669-0-57-XX-30-XX-10-0

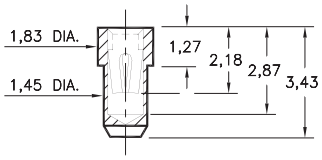
Solder mount in 1,52 min. mounting hole
16mm wide X 8mm pitch carrier tape:
1,700 parts per 330mm reel.

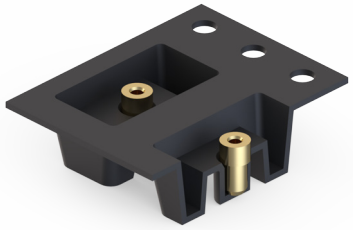




0670
0670-0-57-XX-30-XX-10-0

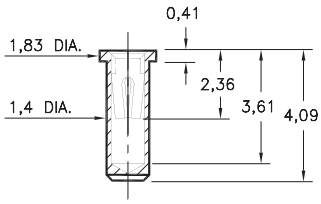
Solder mount in 1,52 min. mounting hole
16mm wide X 8mm pitch carrier tape:
2,000 parts per 330mm reel.

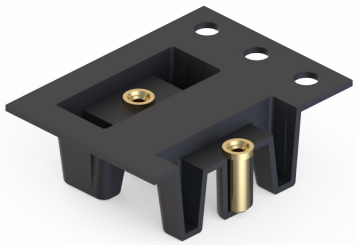




0667
0667-0-57-XX-30-XX-10-0

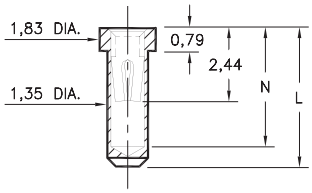
Solder mount in 1,45 min. mounting hole
16mm wide X 8mm pitch carrier tape:
1,700 parts per 330mm reel.

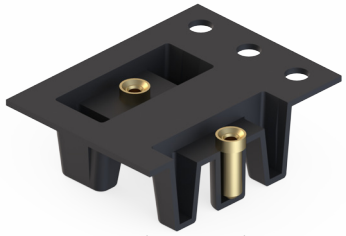




1401/3185
XXXX-0-57-XX-30-XX-10-0

Solder mount in 1,4 min. mounting hole
16mm wide X 8mm pitch carrier tape:
1,700 parts per 330mm reel..

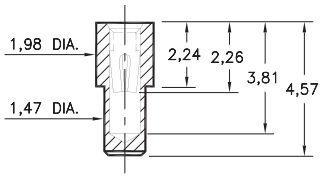


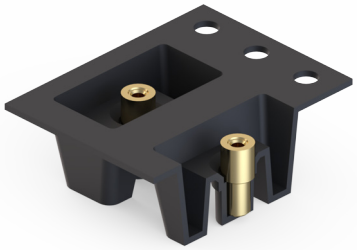


Basic Part Number	Length L	Depth N
1401-0	4,19	3,68
3185-0	3,30	2,77

0665
0665-0-57-XX-30-XX-10-0

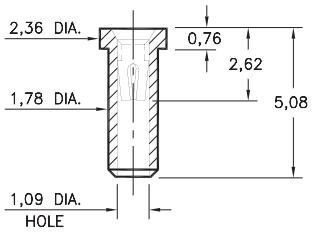
Solder mount in 1,55 min. mounting hole
16mm wide X 8mm pitch carrier tape:
1,580 parts per 330mm reel.

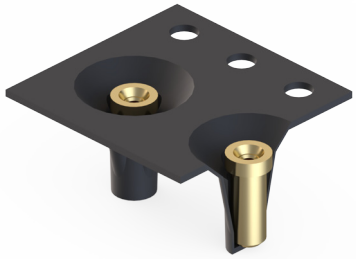




0341
0341-0-57-XX-30-XX-10-0

Solder mount in 1,85 min. mounting hole
12mm wide X 8mm pitch carrier tape:
1,400 parts per 330mm reel.





SPECIFICATIONS:

Shell Material: Brass Alloy 360, 1/2 Hard

Contact Material: Beryllium Copper Alloy 172, HT

Dimensions: Millimeters

Tolerances On: Lengths: ± 0,13
Diameters: ± 0,051
Angles: ± 2 °

RoHS-2 2011/65/EU

ORDER CODE: XXXX - X - XX - XX - XX - XX - XX - 0

BASIC PART #

SPECIFY SHELL FINISH:
- **01** 5,08µm TIN/LEAD OVER NICKEL
- **80** 5,08µm TIN OVER NICKEL (RoHS)
- **15** 0,25µm GOLD OVER NICKEL (RoHS)

SPECIFY CONTACT FINISH:
- **02** 2,54µm TIN/LEAD OVER NICKEL
- **84** 2,54µm TIN OVER NICKEL (RoHS)
- **27** 0,76µm GOLD OVER NICKEL (RoHS)

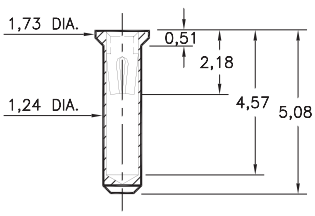
SELECT CONTACT:
#30 CONTACT (DATA ON PAGE 253)
(For alternate contact choices, see group B & C on page 248)

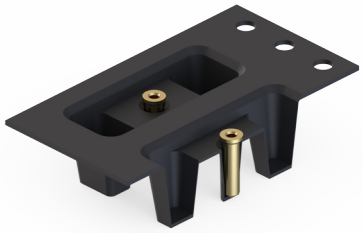
PIN RECEPTACLES

FOR 0,38 - 0,64 DIAMETER PINS
RECEPTACLES ON TAPE & REEL PACKAGING

0660
0660-0-57-XX-30-XX-10-0

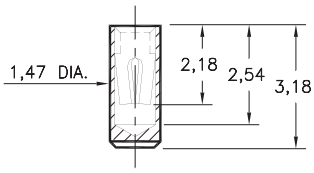
Solder mount in 1,3 min. mounting hole
24mm wide X 8mm pitch carrier tape:
1,500 parts per 330mm reel.

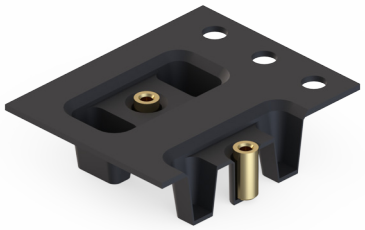




0673
0673-0-57-XX-30-XX-10-0

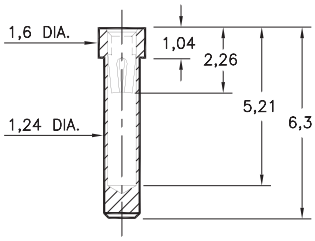
Surface mount
16mm wide X 8mm pitch carrier tape:
2,300 parts per 330mm reel





0677
0660-0-57-XX-30-XX-10-0

Solder mount in 1,3 min. mounting hole
24mm wide X 8mm pitch carrier tape:
1,200 parts per 330mm reel.





SPECIFICATIONS:

Shell Material: Brass Alloy 360, 1/2 Hard

Contact Material: Beryllium Copper Alloy 172, HT

Dimensions: Millimeters

Tolerances On: Lengths: ± 0,13
Diameters: ± 0,051
Angles: ± 2 °

RoHS-2 2011/65/EU

ORDER CODE: XXXX - X - XX - XX - XX - XX - XX - 0

BASIC PART #

SPECIFY SHELL FINISH:
- **01** 5,08µm TIN/LEAD OVER NICKEL
- **80** 5,08µm TIN OVER NICKEL (RoHS)
- **15** 0,25µm GOLD OVER NICKEL (RoHS)

SPECIFY CONTACT FINISH:
- **02** 2,54µm TIN/LEAD OVER NICKEL
- **84** 2,54µm TIN OVER NICKEL (RoHS)
- **27** 0,76µm GOLD OVER NICKEL (RoHS)

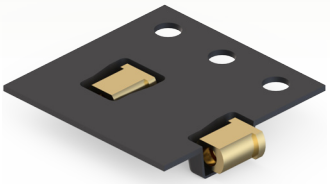
SELECT CONTACT:
#30 CONTACT (DATA ON PAGE 253)
(For alternate contact choices, see group B & C on page 248)

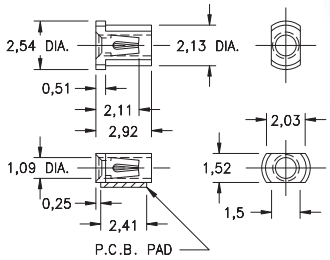
PIN RECEPTACLES

FOR 0,38 - 0,64 DIAMETER PINS
RECEPTACLES ON TAPE & REEL PACKAGING

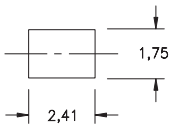
3907
3907-0-58-XX-30-XX-10-0

Surface mount
12mm wide X 8mm pitch carrier tape:
4,000 parts per 330mm reel.



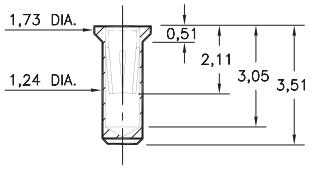


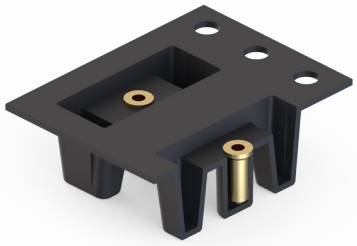
P.C.B. Layout



0680
0680-0-57-XX-32-XX-10-0

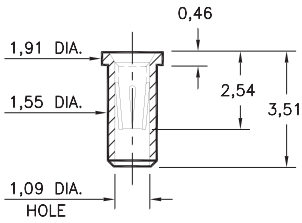
Solder mount in 1,3 min. mounting hole
16mm wide X 8mm pitch carrier tape:
1,700 parts per 330mm reel.

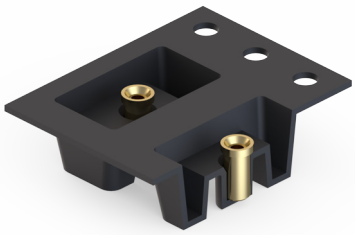




0666
0666-0-57-XX-32-XX-10-0

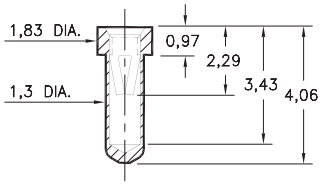
Solder mount in 1,63 min. mounting hole
16mm wide X 8mm pitch carrier tape:
2,000 parts per 330mm reel.

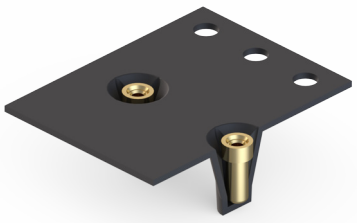




0555
0555-0-57-XX-32-XX-10-0

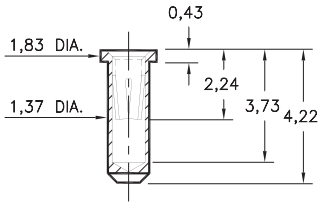
Solder mount in 1,35 min. mounting hole
16mm wide X 8mm pitch carrier tape:
1,800 parts per 330mm reel.

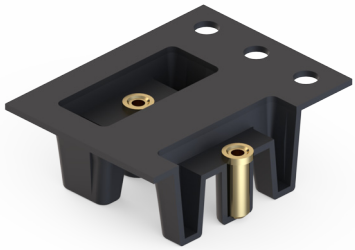




0682
0682-0-57-XX-32-XX-10-0

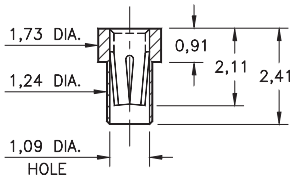
Solder mount in 1,42 min. mounting hole
16mm wide X 8mm pitch carrier tape:
1,500 parts per 330mm reel.

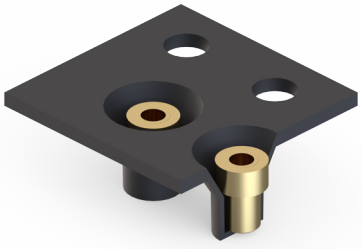




5342
5342-0-57-XX-35-XX-10-0

Solder mount in 1,3 min. mounting hole
8mm wide X 8mm pitch carrier tape:
6,000 parts per 330mm reel.





SPECIFICATIONS:

Shell Material: Brass Alloy 360, 1/2 Hard

Contact Material: Beryllium Copper Alloy 172, HT

Dimensions: Millimeters

Tolerances On: Lengths: ± 0,13
Diameters: ± 0,051
Angles: ± 2 °

RoHS-2 2011/65/EU

ORDER CODE: XXXX - X - XX - XX - XX - XX - XX - 0

BASIC PART #

SPECIFY SHELL FINISH:
- **01** 5,08µm TIN/LEAD OVER NICKEL
- **80** 5,08µm TIN OVER NICKEL (RoHS)
- **15** 0,25µm GOLD OVER NICKEL (RoHS)

SPECIFY CONTACT FINISH:
- **02** 2,54µm TIN/LEAD OVER NICKEL
- **84** 2,54µm TIN OVER NICKEL (RoHS)
- **27** 0,76µm GOLD OVER NICKEL (RoHS)

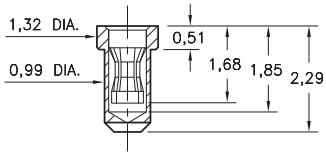
SELECT CONTACT:
#30, #32 or #35 CONTACT (DATA ON PAGE 253 & 254)
(For alternate contact choices, see group B & C on page 248)

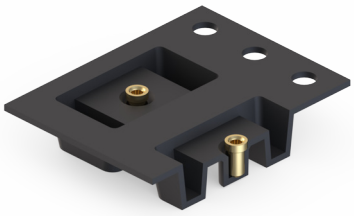
PIN RECEPTACLES

FOR 0,46 - 0,58 DIAMETER PINS
RECEPTACLES ON TAPE & REEL PACKAGING

0507
0507-0-57-XX-31-XX-10-0

Solder mount in 1,07 min. mounting hole
16mm wide X 8mm pitch carrier tape:
3,000 parts per 330mm reel.





SPECIFICATIONS:

Shell Material: Brass Alloy 360, 1/2 Hard

Contact Material: Beryllium Copper Alloy 172, HT

Dimensions: Millimeters

Tolerances On: Lengths: ± 0,13
Diameters: ± 0,051
Angles: ± 2 °

RoHS-2 2011/65/EU

ORDER CODE: XXXX - X - XX - XX - XX - XX - XX - 0

BASIC PART #

SPECIFY SHELL FINISH:
- **01** 5,08µm TIN/LEAD OVER NICKEL
- **80** 5,08µm TIN OVER NICKEL (RoHS)
- **15** 0,25µm GOLD OVER NICKEL (RoHS)

SPECIFY CONTACT FINISH:
- **02** 2,54µm TIN/LEAD OVER NICKEL
- **84** 2,54µm TIN OVER NICKEL (RoHS)
- **27** 0,76µm GOLD OVER NICKEL (RoHS)

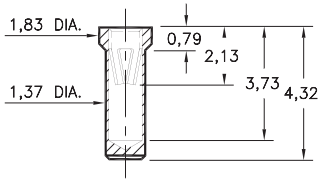
SELECT CONTACT:
#31 CONTACT
(For alternate contact choices, see group A on page 248)

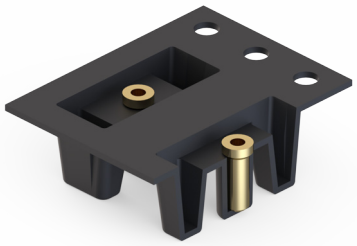
PIN RECEPTACLES

FOR 0,51 - 0,81 DIAMETER PINS
RECEPTACLES ON TAPE & REEL PACKAGING

0338
0338-0-57-XX-15-XX-10-0

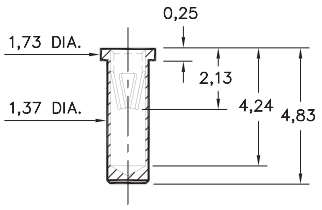
Solder mount in 1,45 min. mounting hole
16mm wide X 8mm pitch carrier tape:
1,700 parts per 330mm reel.

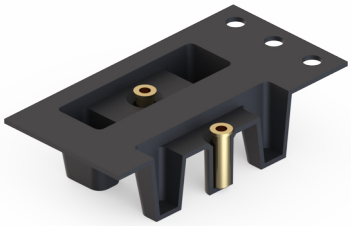




0339
0339-0-57-XX-15-XX-10-0

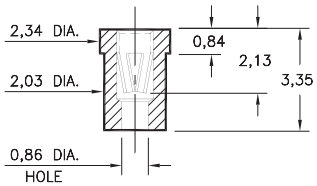
Solder mount in 1,45 min. mounting hole
24mm wide X 8mm pitch carrier tape:
1,540 parts per 330mm reel.

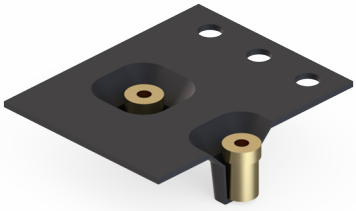




0378
0378-0-57-XX-15-XX-10-0

Solder mount in 2,08 min. mounting hole
16mm wide X 8mm pitch carrier tape:
2,200 parts per 330mm reel.





SPECIFICATIONS:

Shell Material: Brass Alloy 360, 1/2 Hard

Contact Material: Beryllium Copper Alloy 172, HT

Dimensions: Millimeters

Tolerances On: Lengths: ± 0,13
Diameters: ± 0,051
Angles: ± 2 °

RoHS-2 2011/65/EU

ORDER CODE: XXXX - X - XX - XX - XX - XX - XX - 0

BASIC PART #

SPECIFY SHELL FINISH:
- **01** 5,08µm TIN/LEAD OVER NICKEL
- **80** 5,08µm TIN OVER NICKEL (RoHS)
- **15** 0,25µm GOLD OVER NICKEL (RoHS)

SPECIFY CONTACT FINISH:
- **02** 2,54µm TIN/LEAD OVER NICKEL
- **84** 2,54µm TIN OVER NICKEL (RoHS)
- **27** 0,76µm GOLD OVER NICKEL (RoHS)

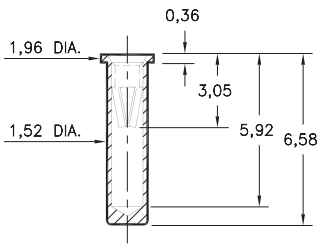
SELECT CONTACT:
#15 CONTACT (DATA ON PAGE 254)
(For alternate contact choices, see group K on page 248)

PIN RECEPTACLES

FOR 0,56 - 0,81 DIAMETER PINS
RECEPTACLES ON TAPE & REEL PACKAGING

0295
0295-0-57-XX-06-XX-10-0

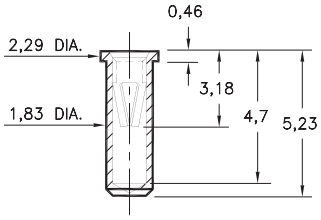
Solder mount in 1,60 min. mounting hole
12mm wide X 8mm pitch carrier tape:
1,000 parts per 330mm reel.

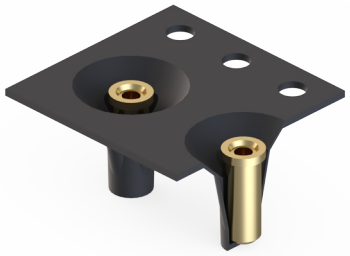




0294
0294-0-57-XX-06-XX-10-0

Solder mount in 1,93 min. mounting hole
12mm wide X 8mm pitch carrier tape:
1,400 parts per 330mm reel.





SPECIFICATIONS:

Shell Material: Brass Alloy 360, 1/2 Hard

Contact Material: Beryllium Copper Alloy 172, HT

Dimensions: Millimeters

Tolerances On: Lengths: ± 0,13
Diameters: ± 0,051
Angles: ± 2 °

RoHS-2 2011/65/EU

ORDER CODE: XXXX - X - XX - XX - XX - XX - XX - 0

BASIC PART #

SPECIFY SHELL FINISH:
- **01** 5,08µm TIN/LEAD OVER NICKEL
- **80** 5,08µm TIN OVER NICKEL (RoHS)
- **15** 0,25µm GOLD OVER NICKEL (RoHS)

SPECIFY CONTACT FINISH:
- **02** 2,54µm TIN/LEAD OVER NICKEL
- **84** 2,54µm TIN OVER NICKEL (RoHS)
- **27** 0,76µm GOLD OVER NICKEL (RoHS)

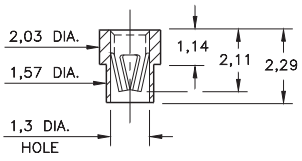
SELECT CONTACT:
#06 CONTACT (DATA ON PAGE 255)
(For alternate contact choices, see group D on page 248)

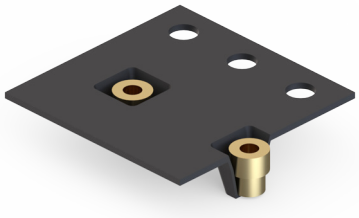
PIN RECEPTACLES

FOR 0,56 - 0,86 DIAMETER PINS AND 0,64 SQUARE PINS
RECEPTACLES ON TAPE & REEL PACKAGING

0287
0287-0-57-XX-16-XX-10-0

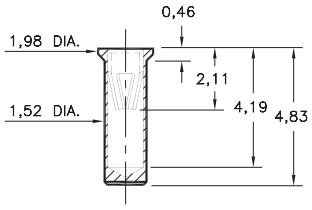
Solder mount in 1,65 min. mounting hole
8mm wide X 8mm pitch carrier tape:
3,250 parts per 330mm reel.

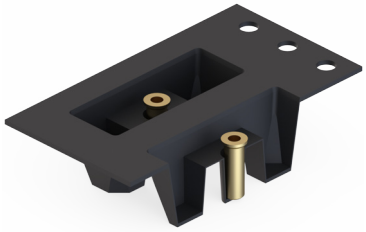




0415
0415-0-57-XX-16-XX-10-0

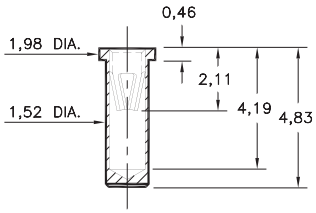
Solder mount in 1,6 min. mounting hole
24mm wide X 8mm pitch carrier tape:
1,500 parts per 330mm reel.

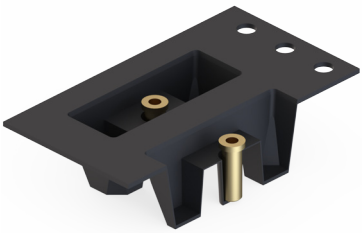




6021
6021-0-57-XX-16-XX-10-0

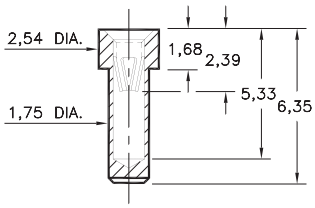
Solder mount in 1,57 min. mounting hole
24mm wide X 8mm pitch carrier tape:
1,500 parts per 330mm reel.

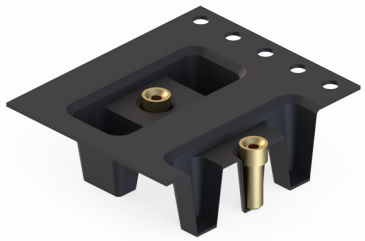




8679
8679-0-57-XX-16-XX-10-0

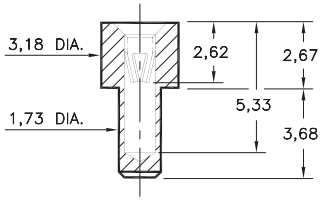
Solder mount in 1,80 min. mounting hole
24mm wide X 8mm pitch carrier tape:
800 parts per 330mm reel.

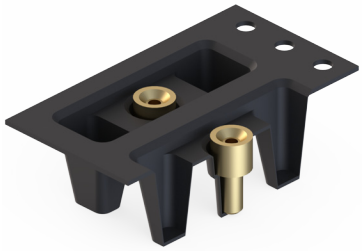




0284
0284-0-57-XX-16-XX-10-0

Solder mount in 1,78 min. mounting hole
24mm wide X 8mm pitch carrier tape:
1,200 parts per 330mm reel.





SPECIFICATIONS:

Shell Material: Brass Alloy 360, 1/2 Hard

Contact Material: Beryllium Copper Alloy 172, HT

Dimensions: Millimeters

Tolerances On: Lengths: ± 0,13
Diameters: ± 0,051
Angles: ± 2 °

RoHS-2 2011/65/EU

ORDER CODE: XXXX - X - XX - XX - XX - XX - XX - 0

BASIC PART #

SPECIFY SHELL FINISH:
- **01** 5,08µm TIN/LEAD OVER NICKEL
- **80** 5,08µm TIN OVER NICKEL (RoHS)
- **15** 0,25µm GOLD OVER NICKEL (RoHS)

SPECIFY CONTACT FINISH:
- **02** 2,54µm TIN/LEAD OVER NICKEL
- **84** 2,54µm TIN OVER NICKEL (RoHS)
- **27** 0,76µm GOLD OVER NICKEL (RoHS)

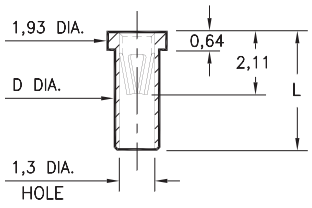
SELECT CONTACT:
#16 CONTACT (DATA ON PAGE 256)
(For alternate contact choices, see group D on page 248)

PIN RECEPTACLES

FOR 0,64 - 0,94 DIAMETER PINS AND 0,64 SQUARE PINS
RECEPTACLES ON TAPE & REEL PACKAGING

0305
0305-X-57-XX-47-XX-10-0

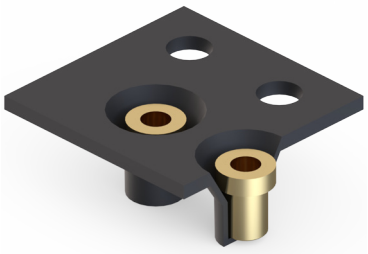
Solder mount in 1,5/1,55 mounting hole 8mm wide or 24mm wide X 8mm pitch carrier tape: See chart for details.



Basic Part Number	Length L	Dia. D
0305-0	2,41	1,42
0305-1	2,67	1,47
0305-2	3,94	1,47

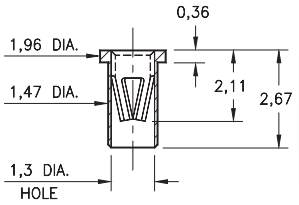
T&R Packaging

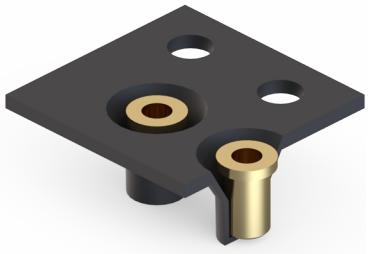
Basic Part Number	Tape Width	Parts per 330mm Reel
0305-0	8mm	6,000
0305-1	8mm	6,000
0305-2	24mm	1,500



7305
7305-0-57-XX-47-XX-10-0

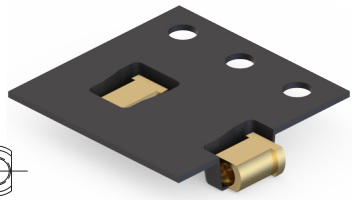
Solder mount in 1,52 min. mounting hole 8mm wide X 8mm pitch carrier tape: 6,000 parts per 330mm reel.

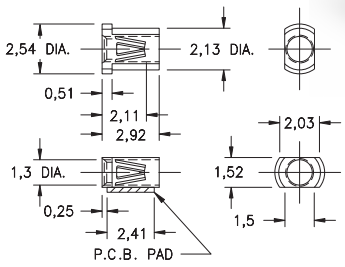




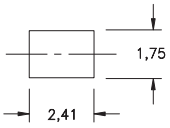
8806
8806-0-58-XX-47-XX-10-0

Surface mount
12mm wide X 8mm pitch carrier tape: 4,000 parts per 330mm reel.





P.C.B. Layout



SPECIFICATIONS:

Shell Material: Brass Alloy 360, 1/2 Hard

Contact Material: Beryllium Copper Alloy 172, HT

Dimensions: Millimeters

Tolerances On: Lengths: ± 0,13
Diameters: ± 0,051
Angles: ± 2 °

RoHS-2 2011/65/EU

ORDER CODE: XXXX - X - XX - XX - XX - XX - XX - 0

BASIC PART #

SPECIFY SHELL FINISH:
- **01** 5,08µm TIN/LEAD OVER NICKEL
- **80** 5,08µm TIN OVER NICKEL (RoHS)
- **15** 0,25µm GOLD OVER NICKEL (RoHS)

SPECIFY CONTACT FINISH:
- **02** 2,54µm TIN/LEAD OVER NICKEL
- **84** 2,54µm TIN OVER NICKEL (RoHS)
- **27** 0,76µm GOLD OVER NICKEL (RoHS)

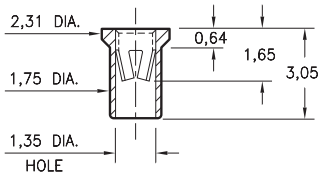
SELECT CONTACT:
#47 CONTACT (DATA ON PAGE 256)
(For alternate contact choices, see group D on page 248)

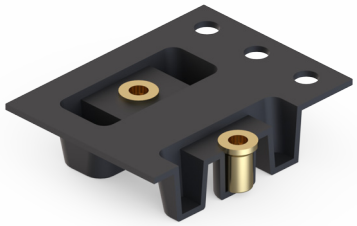
PIN RECEPTACLES

FOR 0,94 - 1,09 DIAMETER PINS
RECEPTACLES ON TAPE & REEL PACKAGING

7406
7406-0-57-XX-18-XX-10-0

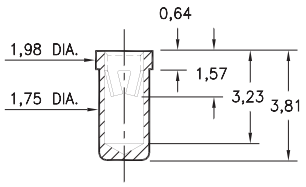
Solder mount in 1,80 min. mounting hole
16mm wide X 8mm pitch carrier tape:
2,200 parts per 330mm reel.

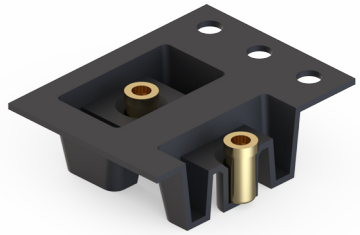




8331
8331-0-57-XX-18-XX-10-0

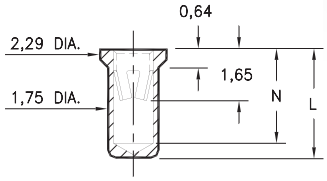
Solder mount in 1,80 min. mounting hole
16mm wide X 8mm pitch carrier tape:
1,900 parts per 330mm reel.





0331/9353
X3XX-0-57-XX-18-XX-10-0

Solder mount in 1,80 min. mounting hole
24mm wide X 8mm pitch carrier tape:
1,000 parts per 330mm reel.

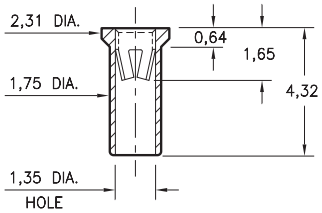


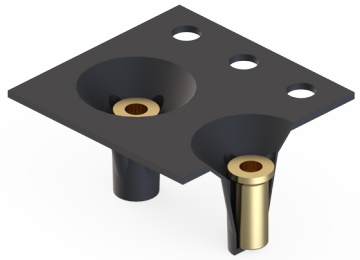


Basic Part Number	Length L	Depth N
0331-0	3,81	3,23
9353-0	4,32	3,73

9354
9354-0-57-XX-18-XX-10-0

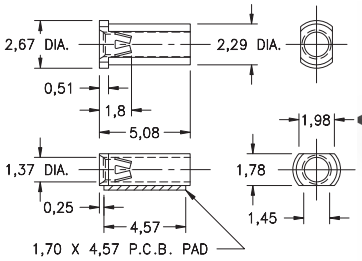
Solder mount in 1,80 min. mounting hole
12mm wide X 8mm pitch carrier tape:
1,400 parts per 330mm reel.

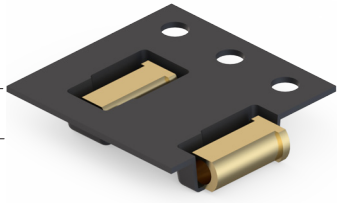




6628
6628-0-58-XX-18-XX-10-0

Surface mount
12mm wide X 8mm pitch carrier tape:
3,700 parts per 330mm reel.





SPECIFICATIONS:

Shell Material: Brass Alloy 360, 1/2 Hard

Contact Material: Beryllium Copper Alloy 172, HT

Dimensions: Millimeters

Tolerances On: Lengths: ± 0,13
Diameters: ± 0,051
Angles: ± 2 °

RoHS-2 2011/65/EU

ORDER CODE: XXXX - X - XX - XX - XX - XX - XX - 0

BASIC PART #

SPECIFY SHELL FINISH:
- **01** 5,08µm TIN/LEAD OVER NICKEL
- **80** 5,08µm TIN OVER NICKEL (RoHS)
- **15** 0,25µm GOLD OVER NICKEL (RoHS)

SPECIFY CONTACT FINISH:
- **02** 2,54µm TIN/LEAD OVER NICKEL
- **84** 2,54µm TIN OVER NICKEL (RoHS)
- **27** 0,76µm GOLD OVER NICKEL (RoHS)

SELECT CONTACT:
#18 CONTACT (DATA ON PAGE 257)
(For alternate contact choices, see group L on page 248)

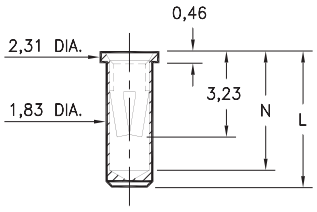
PIN RECEPTACLES

FOR 0,81 - 1,17 DIAMETER PINS
RECEPTACLES ON TAPE & REEL PACKAGING

0327/0351/0373
03XX-0-57-XX-34-XX-10-0

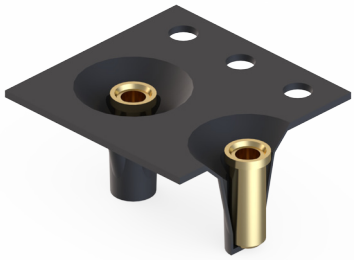
Solder mount in 1,91 min. mounting hole
12mm wide or 24mm wide X 8mm pitch
carrier tape: See chart for details

Basic Part Number	Length L	Depth N
0327-0	5,23	4,57
0351-0	5,74	5,08
0373-0	6,86	6,12



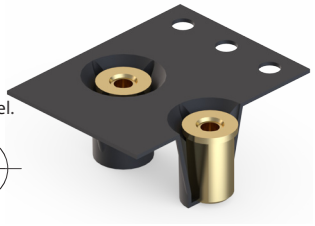
T&R Packaging

Basic Part Number	Tape Width	Parts per 330mm Reel
0327-0	12mm	1,400
0351-0	24mm	1,100
0373-0	24mm	1,000

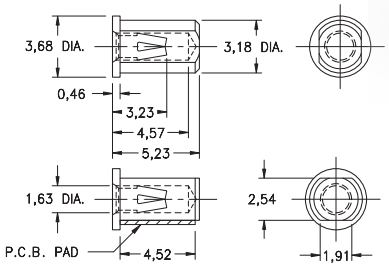


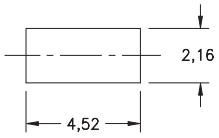
8206
8206-0-57-XX-34-XX-40-0

Surface mount, board edege
16mm wide X 8mm pitch carrier tape:
Packaged Vertically 1,400 parts per 330mm reel.



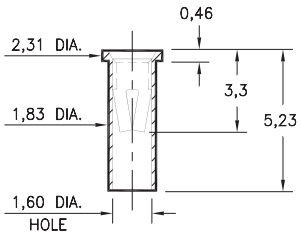
P.C.B. Layout

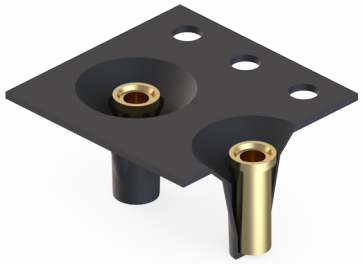




0312
0312-0-57-XX-34-XX-10-0

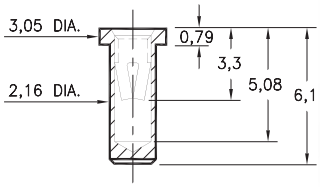
Solder mount in 1,91 min. mounting hole
12mm wide X 8mm pitch carrier tape:
1,400 parts per 330mm reel.

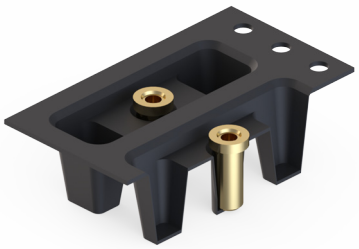




0340
0340-0-57-XX-34-XX-10-0

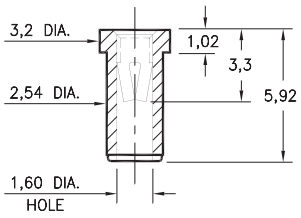
Solder mount in 2,21 min. mounting hole
24mm wide X 8mm pitch carrier tape:
1,250 parts per 330mm reel.

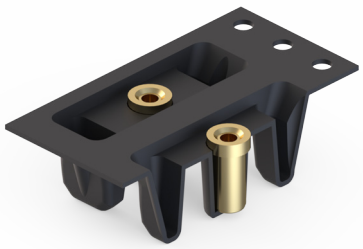




0356
0356-0-57-XX-34-XX-10-0

Solder mount in 2,59 min. mounting hole
24mm wide X 8mm pitch carrier tape:
1,100 parts per 330mm reel.





SPECIFICATIONS:

Shell Material: Brass Alloy 360, 1/2 Hard

Contact Material: Beryllium Copper Alloy 172, HT

Dimensions: Millimeters

Tolerances On: Lengths: ± 0,13
Diameters: ± 0,051
Angles: ± 2 °

RoHS-2 2011/65/EU

ORDER CODE: XXXX - X - XX - XX - XX - XX - XX - 0

BASIC PART #

SPECIFY SHELL FINISH:
- **01** 5,08µm TIN/LEAD OVER NICKEL
- **80** 5,08µm TIN OVER NICKEL (RoHS)
- **15** 0,25µm GOLD OVER NICKEL (RoHS)

SPECIFY CONTACT FINISH:
- **02** 2,54µm TIN/LEAD OVER NICKEL
- **84** 2,54µm TIN OVER NICKEL (RoHS)
- **27** 0,76µm GOLD OVER NICKEL (RoHS)

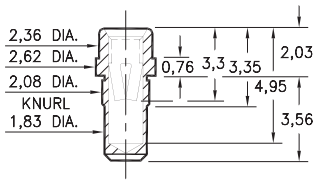
SELECT CONTACT:
#34 CONTACT (DATA ON PAGE 258)
(For alternate contact choices, see group E on page 248)

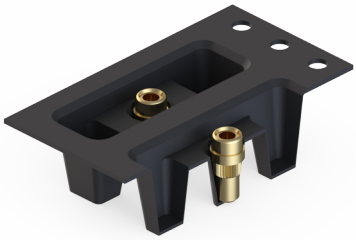
PIN RECEPTACLES

FOR 0,56 - 1,07 DIAMETER PINS (#36 CONTACT)
FOR 0,81 - 1,17 DIAMETER PINS (#34 CONTACT)
RECEPTACLES ON TAPE & REEL PACKAGING

0357
0357-0-57-XX-34-XX-10-0

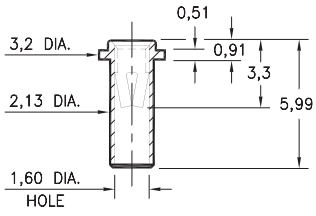
Press-fit in 1,98 mounting hole
24mm wide X 8mm pitch carrier tape:
1,400 parts per 330mm reel.

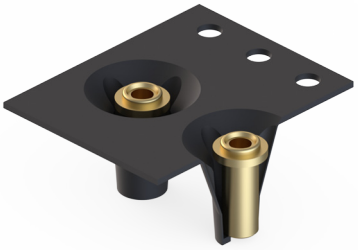




0314
0314-0-57-XX-34-XX-10-0

Solder mount in 2,21 min. mounting hole
16mm wide X 8mm pitch carrier tape:
1,200 parts per 330mm reel.





SPECIFICATIONS:

Shell Material: Brass Alloy 360, 1/2 Hard

Contact Material: Beryllium Copper Alloy 172, HT

Dimensions: Millimeters

Tolerances On: Lengths: ± 0,13
Diameters: ± 0,051
Angles: ± 2 °

RoHS-2 2011/65/EU

ORDER CODE: XXXX - X - XX - XX - XX - XX - XX - 0

BASIC PART #

SPECIFY SHELL FINISH:
- **01** 5,08µm TIN/LEAD OVER NICKEL
- **80** 5,08µm TIN OVER NICKEL (RoHS)
- **15** 0,25µm GOLD OVER NICKEL (RoHS)

SPECIFY CONTACT FINISH:
- **02** 2,54µm TIN/LEAD OVER NICKEL
- **84** 2,54µm TIN OVER NICKEL (RoHS)
- **27** 0,76µm GOLD OVER NICKEL (RoHS)

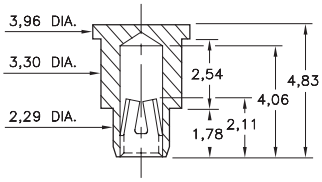
SELECT CONTACT:
#34 or #36 CONTACT (DATA ON PAGE 258)
(For alternate contact choices, see group E on page 257 - 258)

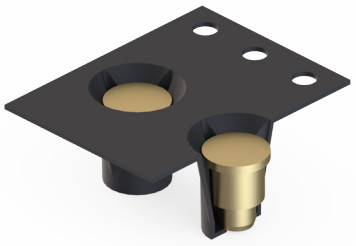
PIN RECEPTACLES

FOR 1,02 - 1,27 DIAMETER PINS
RECEPTACLES ON TAPE & REEL PACKAGING

9184
9184-0-57-XX-02-XX-40-0

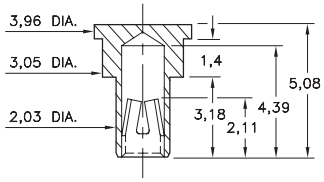
Bottom entry Surface mount, 2,34 min. plated through-hole. 12mm wide X 8mm pitch carrier tape: 1,500 parts per 330mm reel.

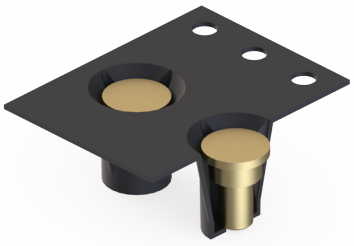




9222
9222-2-57-XX-02-XX-40-0

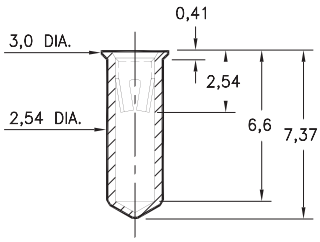
Bottom entry Surface mount, 2,08 min. plated through-hole. 12mm wide X 8mm pitch carrier tape: 1,500 parts per 330mm reel.

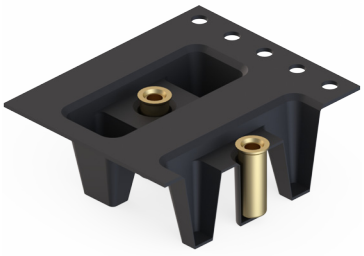




0355
0355-0-57-XX-02-XX-10-0

Solder mount in 2,59 min. mounting hole 24mm wide X 12mm pitch carrier tape: 700 parts per 330mm reel.





SPECIFICATIONS:

Shell Material: Brass Alloy 360, 1/2 Hard

Contact Material: Beryllium Copper Alloy 172, HT

Dimensions: Millimeters

Tolerances On: Lengths: ± 0,13
Diameters: ± 0,051
Angles: ± 2 °

RoHS-2 2011/65/EU

ORDER CODE: XXXX - X - XX - XX - XX - XX - XX - 0

BASIC PART #

SPECIFY SHELL FINISH:
- **01** 5,08µm TIN/LEAD OVER NICKEL
- **80** 5,08µm TIN OVER NICKEL (RoHS)
- **15** 0,25µm GOLD OVER NICKEL (RoHS)

SPECIFY CONTACT FINISH:
- **02** 2,54µm TIN/LEAD OVER NICKEL
- **84** 2,54µm TIN OVER NICKEL (RoHS)
- **27** 0,76µm GOLD OVER NICKEL (RoHS)

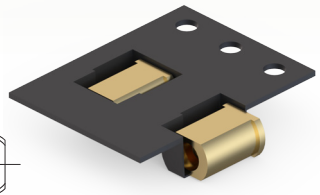
SELECT CONTACT:
#02 CONTACT (DATA ON PAGE 259)
(For alternate contact choices, see group F on page 248)

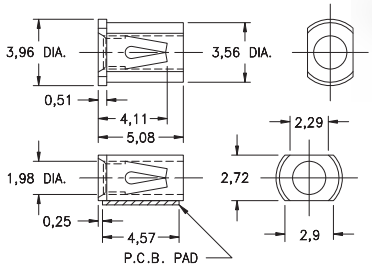
PIN RECEPTACLES

FOR 1,02 - 1,52 DIAMETER PINS (#03 CONTACT)
FOR 1,22 - 1,63 DIAMETER PINS (#13 CONTACT)
RECEPTACLES ON TAPE & REEL PACKAGING

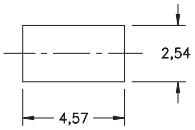
4064
4064-0-58-XX-03-XX-40-0

Surface mount
16mm wide X 8mm pitch carrier tape:
2,400 parts per 330mm reel.





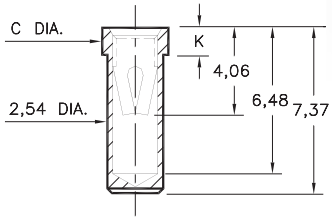
P.C.B. Layout



0435/0436
043X-0-57-XX-03-XX-10-0

Solder mount in 2,59 min. mounting hole
24mm wide X 8mm pitch carrier tape:
950 parts per 330mm reel.

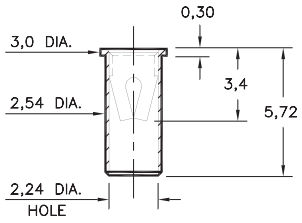




Basic Part Number	Dia. C	Length K
0435-0	3,0	1,27
0436-0	3,18	1,78

0372
0372-0-57-XX-13-XX-10-0

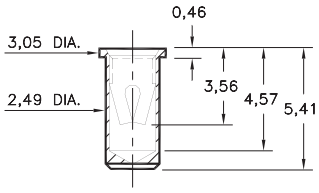
Solder mount in 2,59 min. mounting hole
24mm wide X 8mm pitch carrier tape:
950 parts per 330mm reel.

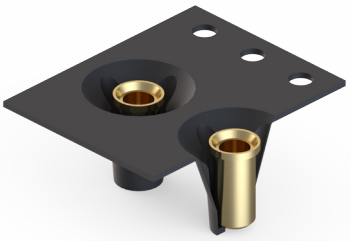




0364
0364-0-57-XX-13-XX-10-0

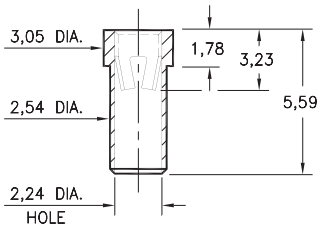
Solder mount in 2,54 min. mounting hole
16mm wide X 8mm pitch carrier tape:
1,300 parts per 330mm reel.

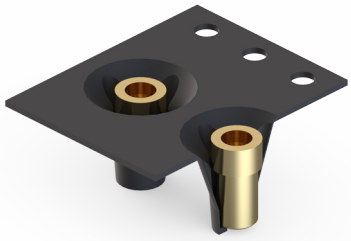




9064
9064-0-57-XX-13-XX-10-0

Solder mount in 2,59 min. mounting hole
16mm wide X 8mm pitch carrier tape:
1,300 parts per 330mm reel.





SPECIFICATIONS:

Shell Material: Brass Alloy 360, 1/2 Hard

Contact Material: Beryllium Copper Alloy 172, HT

Dimensions: Millimeters

Tolerances On: Lengths: ± 0,13
Diameters: ± 0,051
Angles: ± 2 °

RoHS-2 2011/65/EU

ORDER CODE: XXXX - X - XX - XX - XX - XX - XX - 0

BASIC PART #

SPECIFY SHELL FINISH:
- **01** 5,08µm TIN/LEAD OVER NICKEL
- **80** 5,08µm TIN OVER NICKEL (RoHS)
- **15** 0,25µm GOLD OVER NICKEL (RoHS)

SELECT CONTACT:
#03 or #13 CONTACT (DATA ON PAGE 259 - 260)

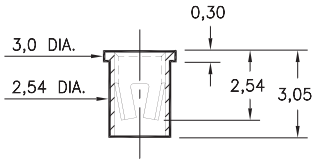
SPECIFY CONTACT FINISH:
- **02** 2,54µm TIN/LEAD OVER NICKEL
- **84** 2,54µm TIN OVER NICKEL (RoHS)
- **27** 0,76µm GOLD OVER NICKEL (RoHS)

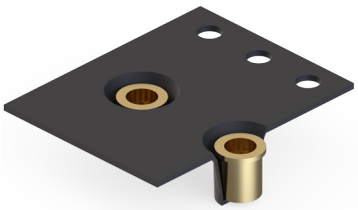
PIN RECEPTACLES

FOR 1,14 - 1,65 DIAMETER PINS
RECEPTACLES ON TAPE & REEL PACKAGING

9372
9372-0-57-XX-23-XX-10-0

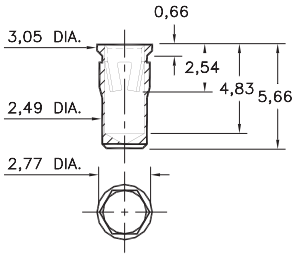
Solder mount in 2,59 min. mounting hole
16mm wide X 8mm pitch carrier tape:
2,400 parts per 330mm reel.

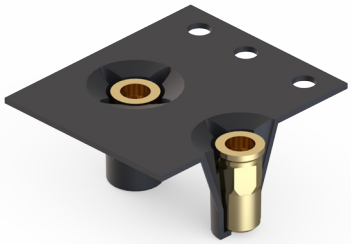




0365
0365-0-57-XX-23-XX-10-0

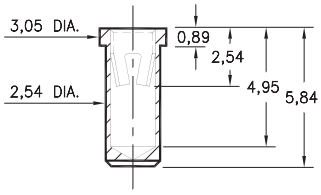
Hex press-fit in 2,67 plated through-hole
16mm wide X 8mm pitch carrier tape:
1,200 parts per 330mm reel.





9401
9401-0-57-XX-23-XX-10-0

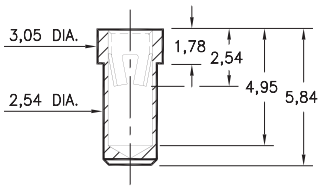
Solder mount in 2,59 min. mounting hole
24mm wide X 8mm pitch carrier tape:
1,100 parts per 330mm reel.

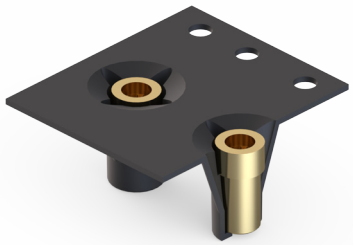




9801
9801-0-57-XX-23-XX-10-0

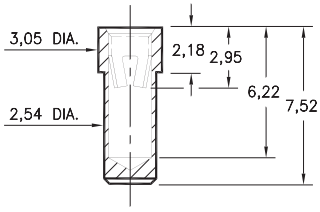
Solder mount in 2,59 min. mounting hole
16mm wide X 8mm pitch carrier tape:
1,200 parts per 330mm reel.





8829
8829-0-57-XX-23-XX-10-0

Solder mount in 2,59 min. mounting hole
24mm wide X 8mm pitch carrier tape:
950 parts per 330mm reel.





SPECIFICATIONS:

Shell Material: Brass Alloy 360, 1/2 Hard

Contact Material: Beryllium Copper Alloy 172, HT

Dimensions: Millimeters

Tolerances On: Lengths: ± 0,13
Diameters: ± 0,051
Angles: ± 2 °

RoHS-2 2011/65/EU

ORDER CODE: XXXX - X - XX - XX - XX - XX - XX - 0

BASIC PART #

SPECIFY SHELL FINISH:
- **01** 5,08µm TIN/LEAD OVER NICKEL
- **80** 5,08µm TIN OVER NICKEL (RoHS)
- **15** 0,25µm GOLD OVER NICKEL (RoHS)

SPECIFY CONTACT FINISH:
- **02** 2,54µm TIN/LEAD OVER NICKEL
- **84** 2,54µm TIN OVER NICKEL (RoHS)
- **27** 0,76µm GOLD OVER NICKEL (RoHS)

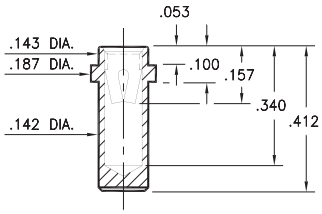
SELECT CONTACT:
#23 CONTACT (DATA ON PAGE 260)
(For alternate contact choices, see group G on page 248)

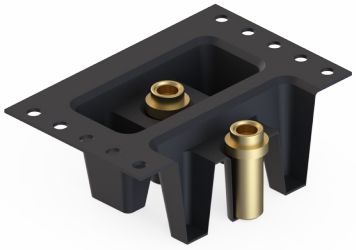
PIN RECEPTACLES

FOR 1,65 - 2,08 DIAMETER PINS (#07 CONTACT)
FOR 2,13 - 2,59 DIAMETER PINS (#08 CONTACT)
RECEPTACLES ON TAPE & REEL PACKAGING

0393
0393-0-57-XX-07-XX-10-0

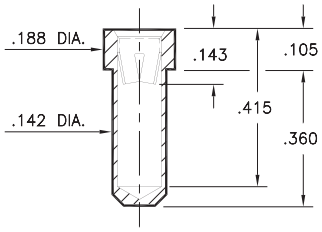
Solder mount in 3,66 min. mounting hole
32mm wide X 12mm pitch carrier tape:
490 parts per 330mm reel.

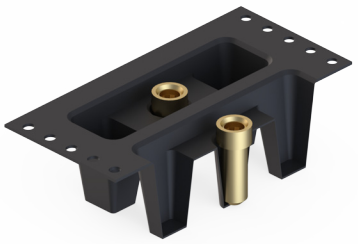




0390
0390-0-57-XX-08-XX-10-0

Solder mount in 3,66 min. mounting hole
44mm wide X 12mm pitch carrier tape:
425 parts per 330mm reel.





SPECIFICATIONS:

Shell Material: Brass Alloy 360, 1/2 Hard

Contact Material: Beryllium Copper Alloy 172, HT

Dimensions: Inches

Tolerances On: Lengths: ± .005
Diameters: ± .002
Angles: ± 2 °

RoHS-2 2011/65/EU

ORDER CODE: XXXX - X - XX - XX - XX - XX - XX - 0

BASIC PART #

SPECIFY SHELL FINISH:
- **01** 200 µ" TIN/LEAD OVER NICKEL
- ◆ **80** 200 µ" TIN OVER NICKEL (RoHS)
- ◆ **15** 10 µ" GOLD OVER NICKEL (RoHS)

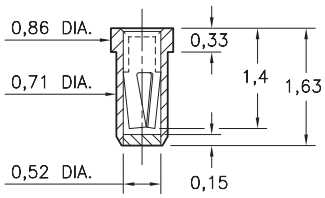
SPECIFY CONTACT FINISH:
- **01** 200 µ" TIN/LEAD OVER NICKEL
- ◆ **80** 200 µ" TIN OVER NICKEL (RoHS)
- ◆ **27** 30 µ" GOLD OVER NICKEL (RoHS)

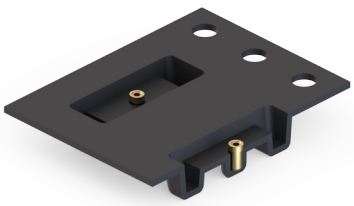
SELECT CONTACT:
#07 or #08 CONTACT (DATA ON PAGE 261 & 262)
(For alternate contact choices, see group H on page 248)

PIN RECEPTACLES

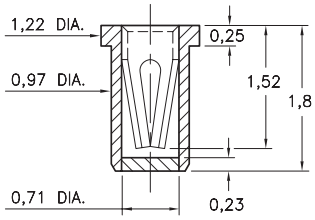
PIN RECEPTACLES
WITH ORGANIC FIBRE PLUG® SOLDER BARRIER
(SEE SPECIFIC CONTACT RANGE ON PAGES 250, 251 & 253)

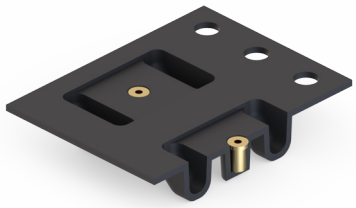
4428
4428-0-67-XX-04-XX-10-0
Solder mount in Ø 0,81 max. PTH
#04 Contact for Ø 0,20 - 0,33 pins
16mm wide X 8mm pitch carrier tape:
3,400 parts per 330mm reel.



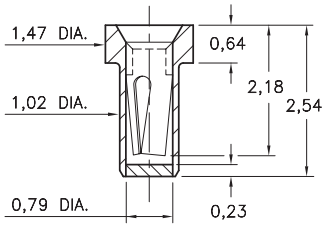


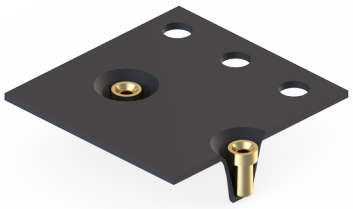
5359
5359-0-67-XX-10-XX-10-0
Solder mount in Ø 1,09 ± 0,08 PTH
#10 Contact for Ø 0,30 - 0,43 pins
16mm wide X 8mm pitch carrier tape:
3,000 parts per 330mm reel.



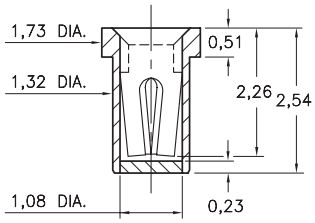


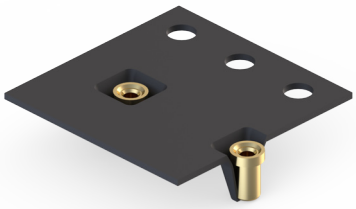
0577
0577-0-67-XX-21-XX-10-0
Solder mount in Ø 1,14 ± 0,08 PTH
#21 Contact for Ø 0,38 - 0,56 pins
12mm wide X 8mm pitch carrier tape:
3,000 parts per 330mm reel.



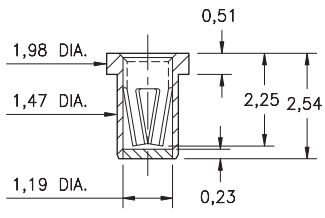


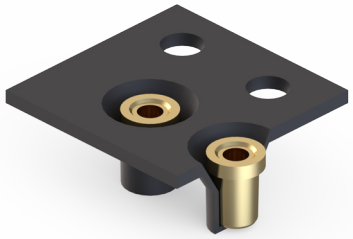
4015
4015-0-67-XX-30-XX-10-0
Solder mount in Ø 1,45 ± 0,08PTH
#30 Contact for Ø 0,38 - 0,64 pins
8mm wide X 8mm pitch carrier tape:
5,500 parts per 330mm reel.



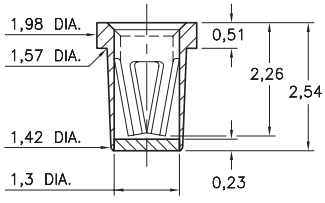


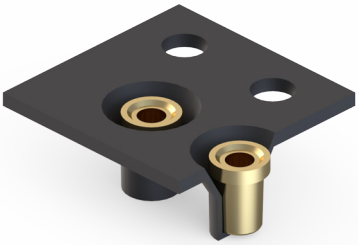
0337
0337-0-67-XX-15-XX-10-0
Solder mount in Ø 1,68 ± 0,08 PTH
#15 Contact for Ø 0,51 - 0,81 pins
8mm wide X 8mm pitch carrier tape:
6,000 parts per 330mm reel.





4280
4280-0-67-XX-16-XX-10-0
Solder mount in Ø 1,7 ± 0,08 PTH
#16 Contact for Ø 0,56 - 0,86 pins
8mm wide X 8mm pitch carrier tape:
6,000 parts per 330mm reel.





SPECIFICATIONS:

Shell Material: Brass Alloy 360, 1/2 Hard

Contact Material: Beryllium Copper Alloy 172, HT

Solder Barrier: Organic Fibre Plug®

Dimensions: Millimeters

Tolerances On: Lengths: ± 0,13
Diameters: ± 0,051
Angles: ± 2 °

RoHS-2 2011/65/EU

ORDER CODE: XXXX - 0 - XX - XX - XX - XX - XX - 0

BASIC PART #

SPECIFY PACKAGING:
43 Discrete Receptacles
67 Supplied on 330mm Reels

SPECIFY SHELL FINISH:
01 5,08µm TIN/LEAD OVER NICKEL
◆ **80** 5,08µm TIN OVER NICKEL (RoHS)

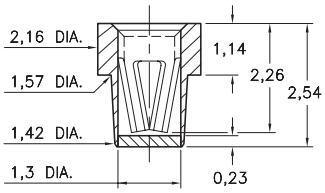
CONTACT:
#04, #10, #15, #16, #21 or #30 CONTACT (DATA ON PAGES 250, 251 & 253)

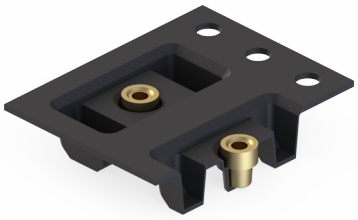
SPECIFY CONTACT FINISH:
◆ **27** 0,76µm GOLD OVER NICKEL (RoHS)
02 2,54µm TIN/LEAD OVER NICKEL
◆ **84** 2,54µm TIN OVER NICKEL (RoHS)

PIN RECEPTACLES

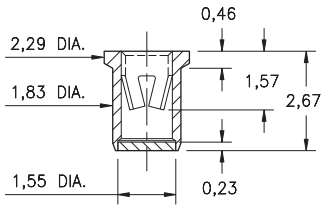
PIN RECEPTACLES
WITH ORGANIC FIBRE PLUG® SOLDER BARRIER
(SEE SPECIFIC CONTACT RANGE ON PAGES 254 - 262)

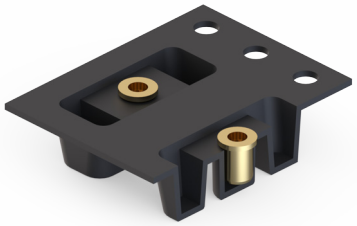
5280
5280-0-67-XX-16-XX-40-0
Solder mount in Ø 1,7 ± 0,08 PTH
#16 Contact for Ø 0,56 - 0,86 pins
16mm wide X 8mm pitch carrier tape:
2,200 parts per 330mm reel.



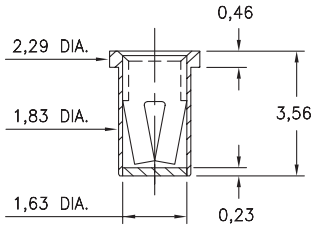


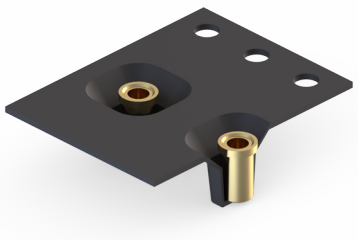
0332
0332-0-67-XX-18-XX-10-0
Solder mount in Ø 2,01 ± 0,08 PTH
#18 Contact for Ø 0,94 - 1,09 pins
16mm wide X 8mm pitch carrier tape:
2,200 parts per 330mm reel.



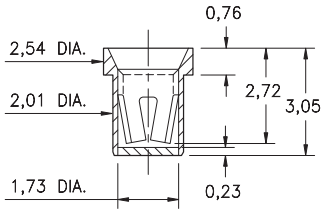


0479
0479-0-67-XX-34-XX-10-0
Solder mount in Ø 1,96 ± 0,08 PTH
#34 Contact for Ø 0,81 - 1,17 pins
16mm wide X 8mm pitch carrier tape:
2,200 parts per 330mm reel.



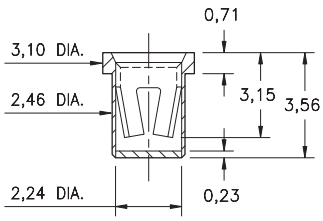


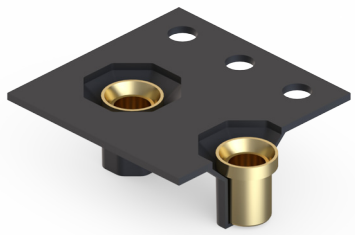
0375
0375-0-67-XX-02-XX-10-0
Solder mount in Ø 2,21 ± 0,08 PTH
#02 Contact for Ø 1,02 - 1,27 pins
12mm wide X 8mm pitch carrier tape:
4,500 parts per 330mm reel.



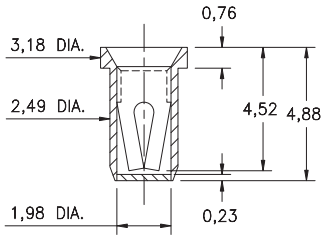


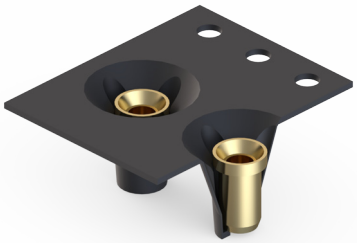
0384
0384-0-67-XX-23-XX-10-0
Solder mount in Ø 2,67 ± 0,08 PTH
#23 Contact for Ø 1,14 - 1,65 pins
12mm wide X 8mm pitch carrier tape:
2,000 parts per 330mm reel.





0353
0353-0-67-XX-03-XX-10-0
Solder mount in Ø 2,69 ± 0,08 PTH
#03 Contact for Ø 1,02 - 1,52 pins
12mm wide X 8mm pitch carrier tape:
1,300 parts per 330mm reel.





SPECIFICATIONS:

Shell Material: Brass Alloy 360, 1/2 Hard

Contact Material: Beryllium Copper Alloy 172, HT

Solder Barrier: Organic Fibre Plug®

Dimensions: Millimeters

Tolerances On: Lengths: ± 0,13
Diameters: ± 0,051
Angles: ± 2 °

RoHS-2 2011/65/EU

ORDER CODE: XXXX - 0 - XX - XX - XX - XX - XX - 0

BASIC PART #

SPECIFY PACKAGING:
43 Discrete Receptacles
67 Supplied on 330mm Reels

SPECIFY SHELL FINISH:
01 5,08µm TIN/LEAD OVER NICKEL
◆ **80** 5,08µm TIN OVER NICKEL (RoHS)

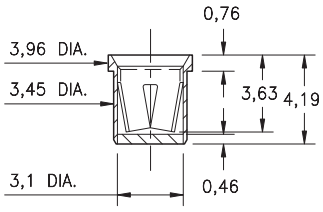
CONTACT:
#02, #03, #16, #18, #23, or #34 CONTACT (DATA ON PAGES 254 - 262)

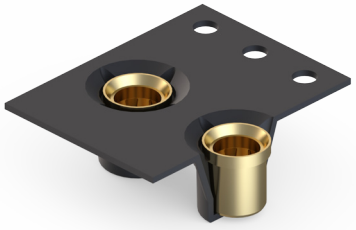
SPECIFY CONTACT FINISH:
◆ **27** 0,76µm GOLD OVER NICKEL (RoHS)
02 2,54µm TIN/LEAD OVER NICKEL
◆ **80** 5,08µm TIN OVER NICKEL (RoHS)

PIN RECEPTACLES

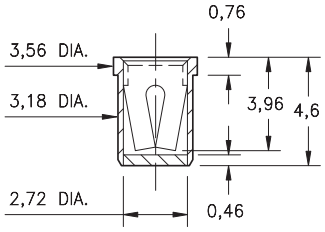
PIN RECEPTACLES
WITH ORGANIC FIBRE PLUG® SOLDER BARRIER
(SEE SPECIFIC CONTACT RANGE ON PAGES 256 - 262)

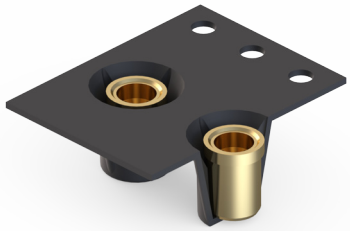
0321
0321-0-67-XX-08-XX-10-0
Solder mount in Ø 3,66 ± 1,08 PTH
#08 Contact for Ø 2,13 - 2,59 pins
16mm wide X 8mm pitch carrier tape:
1,700 parts per 330mm reel.



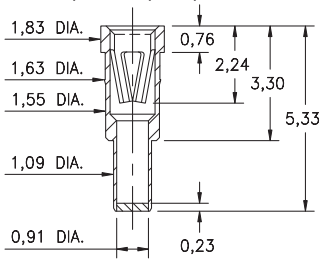


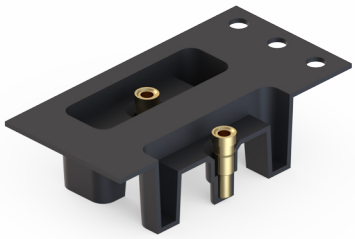
0376
0376-0-67-XX-07-XX-10-0
Solder mount in Ø 3,38 ± 0,08 PTH
#07 Contact for Ø 1,65 - 2,08 pins
16mm wide X 8mm pitch carrier tape:
1,500 parts per 330mm reel.





3435
3435-0-67-XX-47-XX-04-0
Solder mount in Ø 1,17 ± 0,08 PTH
#47 Contact for Ø 0,64 - 0,94 and 0,64 square pins. 24mm wide X 8mm pitch carrier tape: 1,400 parts per 330mm reel.





SPECIFICATIONS:

Shell Material: Brass Alloy 360, 1/2 Hard

Contact Material: Beryllium Copper Alloy 172, HT

Solder Barrier: Organic Fibre Plug®

Dimensions: Millimeters

Tolerances On: Lengths: ± 0,13
Diameters: ± 0,051
Angles: ± 2 °

RoHS-2 2011/65/EU

ORDER CODE: XXXX - 0 - XX - XX - XX - XX - XX - 0

BASIC PART #

SPECIFY PACKAGING:
- **43** Discrete Receptacles
- **67** Supplied on 330mm Reels

SPECIFY SHELL FINISH:
- **01** 5,08µm TIN/LEAD OVER NICKEL
- ◆ **80** 5,08µm TIN OVER NICKEL (RoHS)

CONTACT:
#07, #08 or #47 CONTACT (DATA ON PAGES 256-262)

SPECIFY CONTACT FINISH:
- ◆ **27** 0,76µm GOLD OVER NICKEL (RoHS)
- **02** 2,54µm TIN/LEAD OVER NICKEL
- ◆ **84** 2,54µm TIN OVER NICKEL (RoHS)

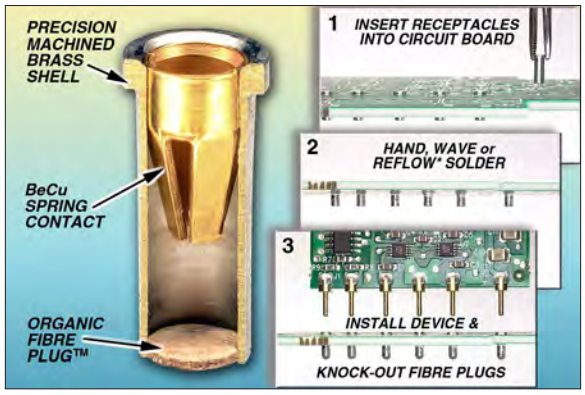
ORGANIC FIBRE PLUG® RECEPTACLES

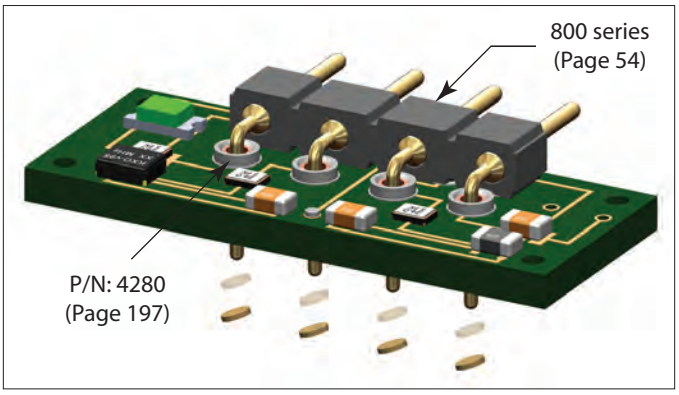
RECEPTACLES WITH ORGANIC FIBRE PLUG® SOLDER BARRIER

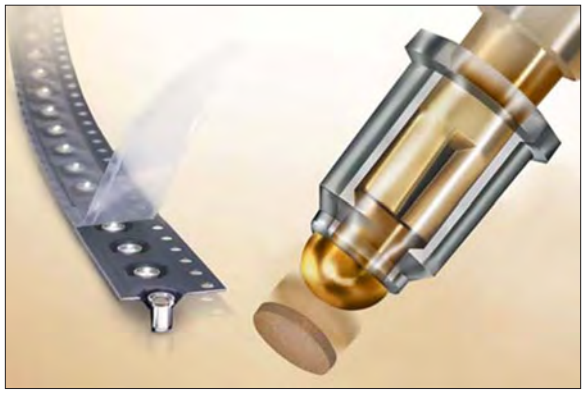
Mill-Max's organic fibre plug (OFP®) solder barrier receptacles are discrete sockets for through-hole soldering into printed circuit boards. These open bottom receptacles are fitted with organic fibre plugs to prevent solder paste or flux from contaminating the internal contact during the pick & place and soldering process. When the device/mating lead is plugged into the receptacle, the OFP® is knocked out allowing the mating lead to pass through the fingers of the internal contact and make a reliable electrical connection.

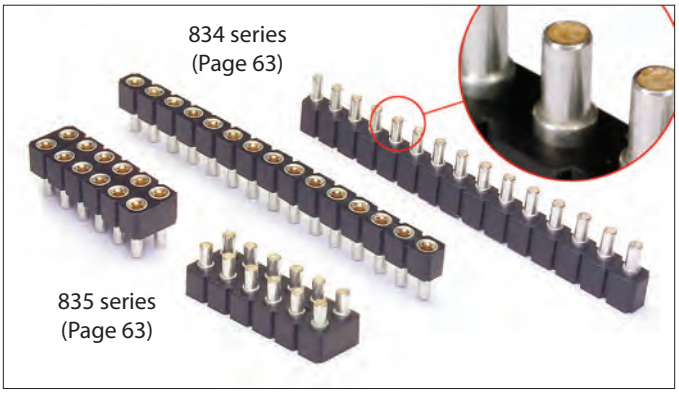
OFP® receptacles are available to accommodate pin diameters from 0,20 - 2,59 (See pages 196 & 197 for the full line of standard OFP® receptacles). Packaging options are bulk or tape & reel (Per EIA- 481), standard reel size is 330mm. The advantage of tape & reel packaging is it allows these through-hole components to be placed simultaneously with surface mount parts on pick 'n place assembly lines -- eliminating the need to hand place the receptacles in an additional manufacturing step. The OFP® barrier permits the sockets to be vacuum picked from the tape prior to placement in the circuit board.

The knock-out-bottom feature enables these sockets to be made relatively short compared to many similar receptacles. The reduced length means minimal protrusion through the PCB. The open bottom receptacle design eliminates the need to trim long device leads that would otherwise bottom out in a closed design.









Mill-Max Mfg. Corp. • 190 Pine Hollow Road, P.O. Box 300, Oyster Bay, NY 11771 • 516-922-6000 • Fax: 516-922-9253 • www.mill-max.com

PIN RECEPTACLES

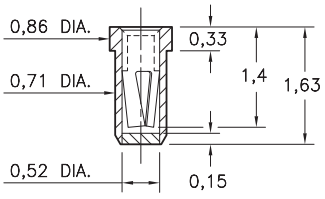
PIN RECEPTACLES
WITH ORGANIC FIBRE PLUG® SOLDER BARRIER
(SEE SPECIFIC CONTACT RANGE ON PAGES 250, 251 & 253)

- These through-hole (tubular) receptacles are designed for hand, wave or reflow* soldering. The *ORGANIC FIBRE PLUG®* barrier prevents solder paste or flux from contaminating the spring contact.
- After soldering, the *OFP®* barrier is pushed out of the receptacle when the device is plugged in.
- All parts are available as discrete receptacles or supplied on carrier tape per EIA-481 to feed industry standard pick and place machines.

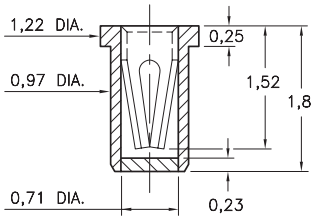


**Intrusive reflow (also called "pin-in-paste") is a technique of using conventional through-hole components in a reflow soldering process. The receptacles are placed into plated through-holes in the circuit board (solder paste has previously been screen printed on pads adjacent to the holes) and the board is reflowed in the same pass as other SMT components. Solder will fill the plated through-holes and achieve solder joints as reliable as wave soldering. The OFP® barrier prevents solder paste from being picked-up inside the contact during pick 'n place assembly. "Overprinting" paste on the solder mask can be used to adjust the volume of paste required to fill each hole.*

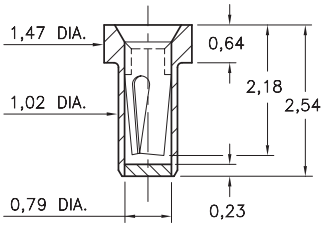
4428
4428-0-XX-XX-04-XX-10-0
Solder mount in Ø 0,81 max. PTH
#04 Contact for Ø 0,20 - 0,33 pins
Also available on 16mm wide carrier tape:
See page 194.20 for Tape & Reel details



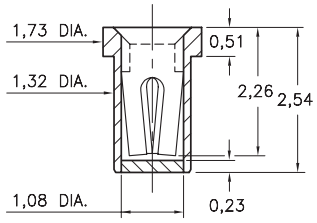
5359
5359-0-XX-XX-10-XX-10-0
Solder mount in Ø 1,09 ± 0,08 PTH
#10 Contact for Ø 0,30 - 0,43 pins
Also available on 16mm wide carrier tape:
See page 194.20 for Tape & Reel details



0577
0577-0-XX-XX-21-XX-10-0
Solder mount in Ø 1,14 ± 0,08 PTH
#21 Contact for Ø 0,38 - 0,56 pins
Also available on 12mm wide carrier tape:
See page 194.20 for Tape & Reel details



4015
4015-0-XX-XX-30-XX-10-0
Solder mount in Ø 1,45 ± 0,08 PTH
#30 Contact for Ø 0,38 - 0,64 pins
Also available on 8mm wide carrier tape:
See page 194.20 for Tape & Reel details



SPECIFICATIONS:

Shell Material: Brass Alloy 360, 1/2 Hard

Contact Material: Beryllium Copper Alloy 172, HT

Solder Barrier: Organic Fibre Plug®

Dimensions: Millimeters

Tolerances On: Lengths: ± 0,13
Diameters: ± 0,051
Angles: ± 2 °

RoHS-2 2011/65/EU

ORDER CODE: XXXX - 0 - XX - XX - XX - XX - XX - 0

BASIC PART #

SPECIFY PACKAGING:
43 Discrete Receptacles
67 Supplied on 330mm Reels

SPECIFY SHELL FINISH:
01 5,08µm TIN/LEAD OVER NICKEL
◆ **80** 5,08µm TIN OVER NICKEL (RoHS)

CONTACT:
#04, #10, #21 or #30 CONTACT (DATA ON PAGES 250, 251 & 253)

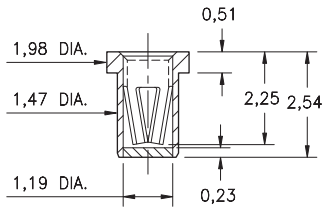
SPECIFY CONTACT FINISH:
◆ **27** 0,76µm GOLD OVER NICKEL (RoHS)
02 2,54µm TIN/LEAD OVER NICKEL
◆ **84** 2,54µm TIN OVER NICKEL (RoHS)

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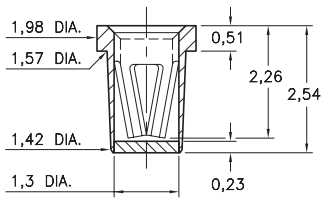
PIN RECEPTACLES

PIN RECEPTACLES
WITH ORGANIC FIBRE PLUG® SOLDER BARRIER
(SEE SPECIFIC CONTACT RANGE ON PAGES 254 - 262)

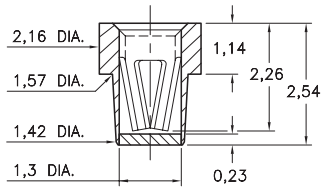
0337
0337-0-XX-XX-15-XX-10-0
Solder mount in Ø 1,68 ± 0,08 PTH
#15 Contact for Ø 0,51 - 0,81 pins
Also available on 8mm wide carrier tape:
See page 194.20 for Tape & Reel details



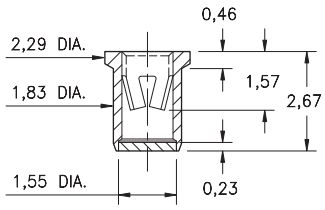
4280
4280-0-XX-XX-16-XX-10-0
Solder mount in Ø 1,7 ± 0,08 PTH
#16 Contact for Ø 0,56 - 0,86 pins
Also available on 8mm wide carrier tape:
See page 194.20 for Tape & Reel details



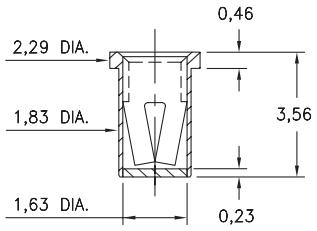
5280
5280-0-XX-XX-16-XX-40-0
Solder mount in Ø 1,7 ± 0,08 PTH
#16 Contact for Ø 0,56 - 0,86 pins
Also available on 16mm wide carrier tape:
See page 194.21 for Tape & Reel details



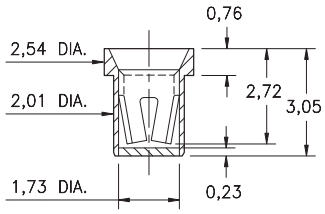
0332
0332-0-XX-XX-18-XX-10-0
Solder mount in Ø 2,01 ± 0,08 PTH
#18 Contact for Ø 0,94 - 1,09 pins
Also available on 16mm wide carrier tape:
See page 194.21 for Tape & Reel details



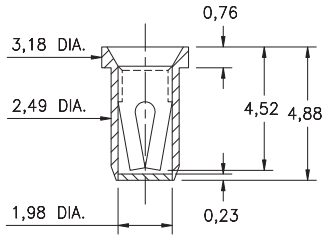
0479
0479-0-XX-XX-34-XX-10-0
Solder mount in Ø 1,96 ± 0,08 PTH
#34 Contact for Ø 0,81 - 1,17 pins
Also available on 16mm wide carrier tape:
See page 194.21 for Tape & Reel details



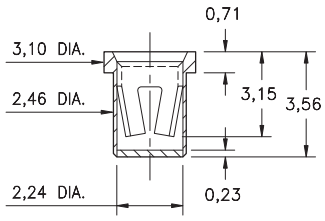
0375
0375-0-XX-XX-02-XX-10-0
Solder mount in Ø 2,21 ± 0,08 PTH
#02 Contact for Ø 1,02 - 1,27 pins
Also available on 12mm wide carrier tape:
See page 194.21 for Tape & Reel details



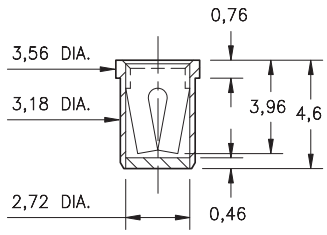
0353
0353-0-XX-XX-03-XX-10-0
Solder mount in Ø 2,69 ± 0,08 PTH
#03 Contact for Ø 1,02 - 1,52 pins
Also available on 12mm wide carrier tape:
See page 194.21 for Tape & Reel details



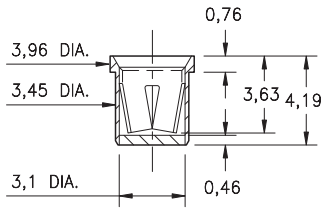
0384
0384-0-XX-XX-23-XX-10-0
Solder mount in Ø 2,67 ± 0,08 PTH
#23 Contact for Ø 1,14 - 1,65 pins
Also available on 12mm wide carrier tape:
See page 194.21 for Tape & Reel details



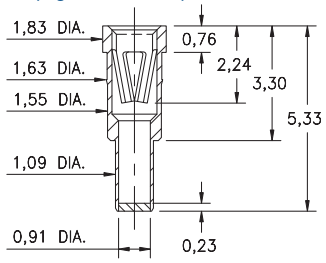
0376
0376-0-XX-XX-07-XX-10-0
Solder mount in Ø 3,38 ± 0,08 PTH
#07 Contact for Ø 1,65 - 2,08 pins
Also available on 16mm wide carrier tape:
See page 194.22 for Tape & Reel details



0321
0321-0-XX-XX-08-XX-10-0
Solder mount in Ø 3,66 ± 0,08 PTH
#08 Contact for Ø 2,13 - 2,59 pins
Also available on 16mm wide carrier tape:
See page 194.22 for Tape & Reel details



3435
3435-0-XX-XX-47-XX-04-0
Solder mount in Ø 1,17 ± 0,08 PTH
#47 Contact for Ø 0,64 - 0,94 & 0,64□ pins
Also available on 24mm wide carrier tape:
See page 194.22 for Tape & Reel details



SPECIFICATIONS:

Shell Material: Brass Alloy 360, 1/2 Hard

Contact Material: Beryllium Copper Alloy 172, HT

Solder Barrier: Organic Fibre Plug®

Dimensions: Millimeters

Tolerances On: Lengths: ± 0,13
Diameters: ± 0,051
Angles: ± 2°

RoHS-2 2011/65/EU

ORDER CODE: XXXX - 0 - XX - XX - XX - XX - XX - 0

BASIC PART #

SPECIFY PACKAGING:
43 Discrete Receptacles
67 Supplied on 330mm Reels

SPECIFY SHELL FINISH:
01 5,08µm TIN/LEAD OVER NICKEL
◆ **80** 5,08µm TIN OVER NICKEL (RoHS)

CONTACT:
#02, #07, #08, #15, #16, #18, #23, #34 or #47 CONTACT (DATA ON PAGES 254 - 262)

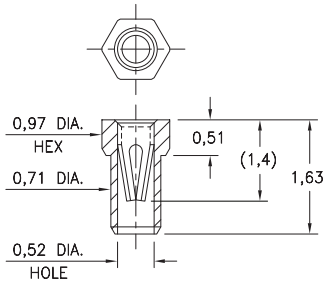
SPECIFY CONTACT FINISH:
◆ **27** 0,76µm GOLD OVER NICKEL (RoHS)
02 2,54µm TIN/LEAD OVER NICKEL
◆ **80** 5,08µm TIN OVER NICKEL (RoHS)

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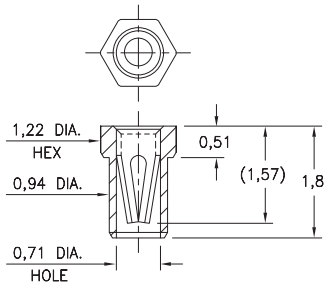
PIN RECEPTACLES

ZERO PROFILE SOLDERLESS PRESS-FIT RECEPTACLES
(SEE SPECIFIC CONTACT RANGE ON PAGES 250 - 260)

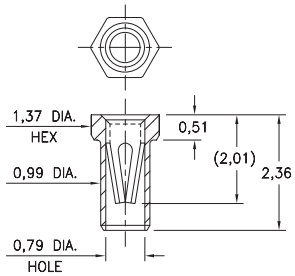
0621
0621-0-15-XX-04-XX-10-0
Recommended drilled hole size: 0,99mm (.039)
#04 Contact for Ø 0,20 - 0,33 pins



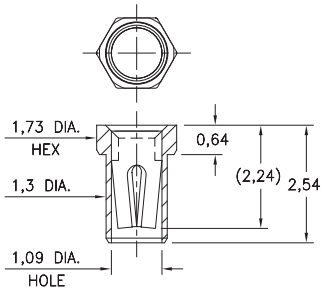
0624
0624-0-15-XX-10-XX-10-0
Recommended drilled hole size: 1,25mm (.0492)
#10 Contact for Ø 0,30 - 0,43 pins



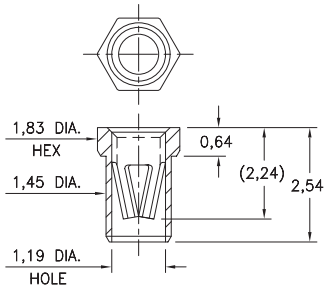
0627 11or
0627-0-15-XX-21-XX-10-0
Recommended drilled hole size: 1,4mm (.0551)
#11 Contact for Ø 0,38 - 0,51 pins
#21 Contact for Ø 0,38 - 0,56 pins



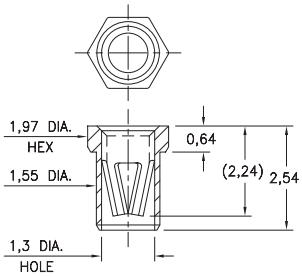
0630
0630-0-15-XX-30-XX-10-0
Recommended drilled hole size: 1,75mm (.0689)
#30 Contact for Ø 0,38 - 0,64 pins



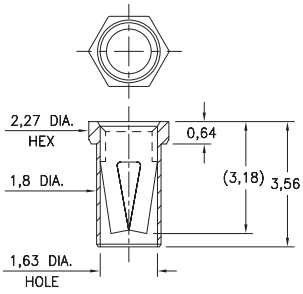
0633
0633-0-15-XX-15-XX-10-0
Recommended drilled hole size: 1,85mm (.0728)
#15 Contact for Ø 0,51 - 0,81 pins



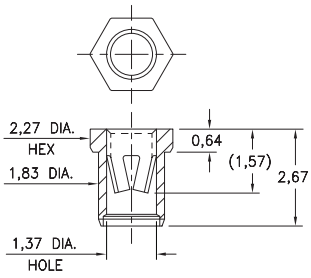
0636 16or
0636-0-15-XX-47-XX-10-0
Recommended drilled hole size: 2mm (.0787)
#16 For Ø 0,56 - 0,86 pins and 0,64 square
#47 For Ø 0,64 - 0,94 pins and 0,64 square



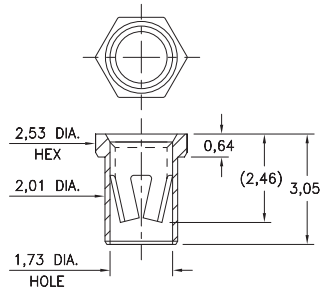
0639
0639-0-15-XX-34-XX-10-0
Recommended drilled hole size: 2,3mm (.0906)
#34 Contact for Ø 0,81 - 1,17 pins



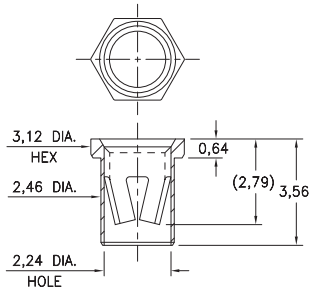
0642
0642-0-15-XX-18-XX-10-0
Recommended drilled hole size: 2,3mm (.0906)
#18 Contact for Ø 0,94 - 1,09 pins



0645
0645-0-15-XX-02-XX-10-0
Recommended drilled hole size: 2,55mm (.1004)
#02 Contact for Ø 1,02 - 1,27 pins



0648
0648-0-15-XX-23-XX-10-0
Recommended drilled hole size: 3,15mm (.124)
#23 Contact for Ø 1,14 - 1,65 pins



SPECIFICATIONS:

Shell Material: Brass Alloy 360, 1/2 Hard

Contact Material: Beryllium Copper Alloy 172, HT

Dimensions: Millimeters

Tolerances On: Lengths: ± 0,13
Diameters: ± 0,51
Angles: ± 2 °

RoHS-2 2011/65/EU

ORDER CODE: 06XX - X - 15 - XX - XX - XX - 10 - 0

BASIC PART #

SPECIFY SHELL FINISH:
- **15** 0,25µm GOLD OVER NICKEL (RoHS)

SPECIFY CONTACT FINISH:
- **27** 0,76µm GOLD OVER NICKEL (RoHS)

SELECT CONTACT:
SEE PART NUMBER FOR SPECIFIC CONTACT CALLOUT (Data on pages 250-260)
(For alternate contact choices, see part number information)

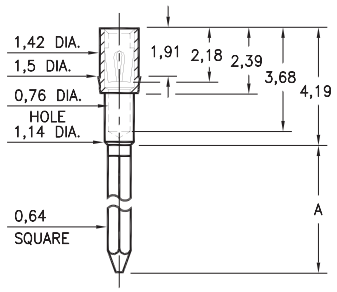
WRAPOST RECEPTACLES

FOR 0,38 - 0,64 DIAMETER PINS

1702/1703

170X-X-15-XX-30-XX-02-0

Press-fit in 1,45 mounting hole

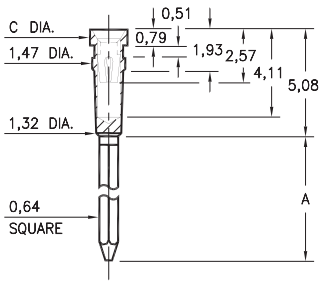


Basic Part Number	# of Wraps	Length A
1702-2	2	9,4
1703-3	3	12,95

0038⇨0040/0066⇨0068

00XX-X-17-XX-30-XX-02-0

Press-fit in 1,45 mounting hole

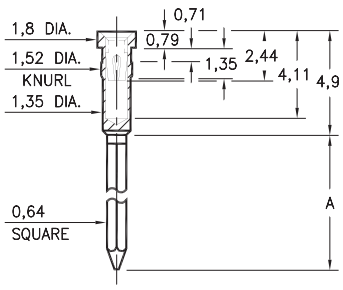


Basic Part #	# of Wraps	Length A	Dia. C
0040-1	1	6,6	
0039-2	2	9,14	1,83
0038-3	3	12,7	
0068-1	1	6,6	
0067-2	2	9,14	1,57
0066-3	3	12,7	

0086/0088/0089

008X-X-17-XX-3X-XX-02-0

Press-fit in 1,45 mounting hole

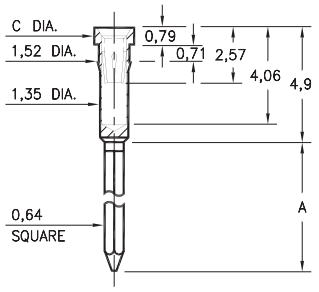


Basic Part Number	# of Wraps	Length A
0089-2	2	9,4
0088-3	3	12,95
0086-4	4	16,0

1030⇨1036

103X-X-17-XX-3X-XX-02-0

Press-fit in 1,45 mounting hole

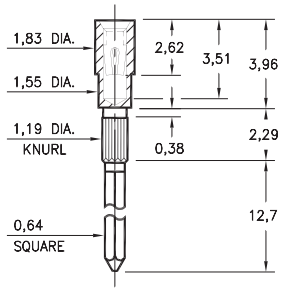


Basic Part #	# of Wraps	Length A	Dia. C
1032-1	1	6,6	
1031-2	2	9,14	1,83
1030-3	3	12,95	
1036-1	1	6,6	
1035-2	2	9,14	1,57
1034-3	3	12,95	

1045

1045-3-17-XX-30-XX-02-0

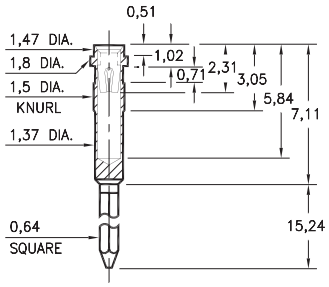
Press-fit in 1,09 mounting hole



1040

1040-3-17-XX-30-XX-02-0

Press-fit in 1,42 mounting hole



SPECIFICATIONS:

Shell Material: Brass Alloy 360, 1/2 Hard

Contact Material: Beryllium Copper Alloy 172, HT

Dimensions: Millimeters

Tolerances On: Lengths: ± 0,13
Diameters: ± 0,051
Angles: ± 2 °

RoHS-2 2011/65/EU

ORDER CODE: XXXX - X - 17 - XX - XX - XX - 02 - 0

BASIC PART #

SPECIFY SHELL FINISH:
- **01** 5,08µm TIN/LEAD OVER NICKEL
- **80** 5,08µm TIN OVER NICKEL (RoHS)
- **15** 0,25µm GOLD OVER NICKEL (RoHS)

SPECIFY CONTACT FINISH:
- **02** 2,54µm TIN/LEAD OVER NICKEL
- **84** 2,54µm TIN OVER NICKEL (RoHS)
- **27** 0,76µm GOLD OVER NICKEL (RoHS)

SELECT CONTACT:
#30 or #32 CONTACT (DATA ON PAGE 253)
(For alternate contact choices, see groups B and C on page 248)

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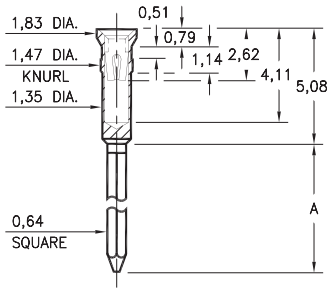
WRAPOST RECEPTACLES

FOR 0,38 - 0,64 DIAMETER PINS

0444

0444-X-17-XX-30-XX-02-0

Press-fit in 1,42 mounting hole

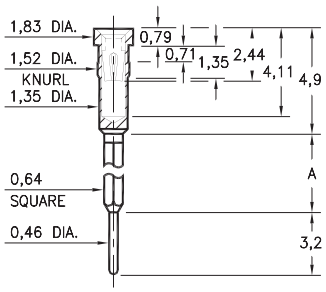


Basic Part Number	# of Wraps	Length A
0444-1	1	6,6
0444-2	2	9,4
0444-3	3	12,83

2601⇨2603

260X-0-17-XX-30-XX-02-0

Press-fit in 1,45 mounting hole

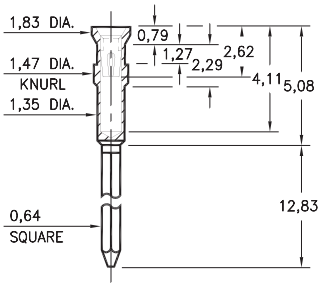


Basic Part Number	# of Wraps	Length A
2601-0	1	5,89
2602-0	2	8,89
2603-0	3	11,89

0445

0445-3-17-XX-30-XX-02-0

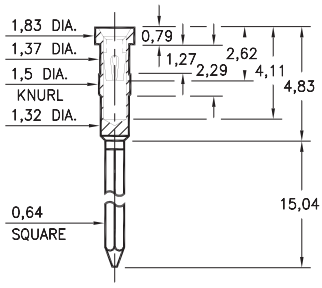
Press-fit in 1,42 mounting hole



1047

1047-3-17-XX-30-XX-02-0

Press-fit in 1,42 mounting hole



SPECIFICATIONS:

Shell Material: Brass Alloy 360, 1/2 Hard

Contact Material: Beryllium Copper Alloy 172, HT

Dimensions: Millimeters

Tolerances On: Lengths: ± 0,13
Diameters: ± 0,051
Angles: ± 2 °

RoHS-2 2011/65/EU

ORDER CODE: XXXX - X - 17 - XX - 30 - XX - 02 - 0

BASIC PART #

SPECIFY SHELL FINISH:

- **01** 5,08µm TIN/LEAD OVER NICKEL
- **80** 5,08µm TIN OVER NICKEL (RoHS)
- **15** 0,25µm GOLD OVER NICKEL (RoHS)

SPECIFY CONTACT FINISH:

- **02** 2,54µm TIN/LEAD OVER NICKEL
- **84** 2,54µm TIN OVER NICKEL (RoHS)
- **27** 0,76µm GOLD OVER NICKEL (RoHS)

SELECT CONTACT:

#30 or #32 CONTACT (DATA ON PAGE 253)

(For alternate contact choices, see groups B and C on page 248)

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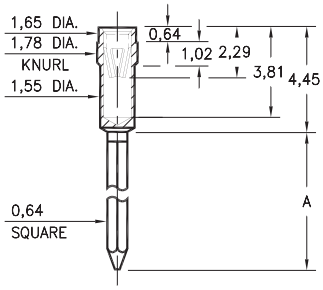
WRAPOST RECEPTACLES

FOR 0,56 - 0,81 DIAMETER PINS (#06 CONTACT)
FOR 0,56 - 0,86 DIAMETER PINS (#16 CONTACT)

2297

2297-X-17-XX-16-XX-02-0

Press-fit in 1,70 mounting hole

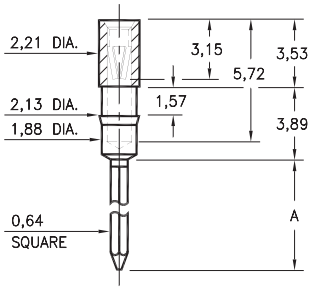


Basic Part Number	# of Wraps	Length A
2297-2	2	9,4
2297-3	3	10,92

0280

0280-X-17-XX-06-XX-02-0

Press-fit in 2,06 mounting hole

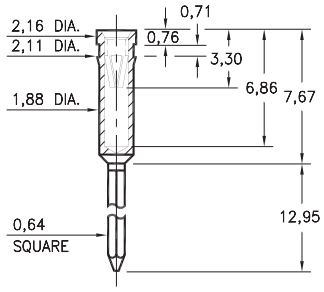


Basic Part Number	# of Wraps	Length A
0280-2	2	9,14
0280-3	3	12,95

0281

0281-3-17-XX-06-XX-02-0

Press-fit in 2,03 mounting hole



SPECIFICATIONS:

Shell Material: Brass Alloy 360, 1/2 Hard

Contact Material: Beryllium Copper Alloy 172, HT

Dimensions: Millimeters

Tolerances On: Lengths: ± 0,13
Diameters: ± 0,051
Angles: ± 2 °

RoHS-2 2011/65/EU

ORDER CODE: XXXX - X - 17 - XX - XX - XX - 02 - 0

BASIC PART #

SPECIFY SHELL FINISH:
- **01** 5,08µm TIN/LEAD OVER NICKEL
- **80** 5,08µm TIN OVER NICKEL (RoHS)
- **15** 0,25µm GOLD OVER NICKEL (RoHS)

SPECIFY CONTACT FINISH:
- **01** 5,08µm TIN/LEAD OVER NICKEL
- **80** 5,08µm TIN OVER NICKEL (RoHS)
- **27** 0,76µm GOLD OVER NICKEL (RoHS)

SELECT CONTACT:
#06 or #16 CONTACT (DATA ON PAGES 255 & 256)
(For alternate contact choices, see group D on page 248)

Mill-Max Mfg. Corp. • 190 Pine Hollow Road, P.O. Box 300, Oyster Bay, NY 11771 • 516-922-6000 • Fax: 516-922-9253 • www.mill-max.com

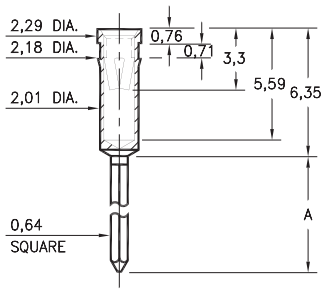
WRAPOST RECEPTACLES

FOR 0,81 - 1,17 DIAMETER PINS

1052/1053

105X-X-17-XX-34-XX-02-0

Press-fit in 2,11 mounting hole

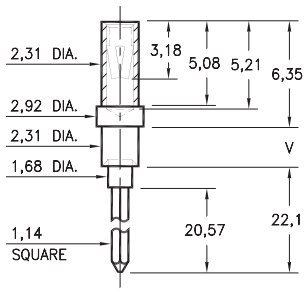


Basic Part Number	# of Wraps	Length A
1053-2	2	9,14
1052-3	3	13,08

0383

0383-X-17-XX-34-XX-02-0

Swage mount in 2,39 hole

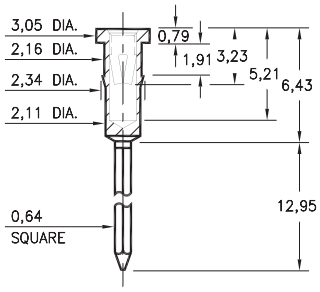


Basic Part Number	Board Thickness	Length V
0383-1	1,57	2,39
0383-2	2,39	3,18
0383-3	3,18	3,96

0382

0382-3-17-XX-34-XX-02-0

Press-fit in 2,26 mounting hole



SPECIFICATIONS:

Shell Material: Brass Alloy 360, 1/2 Hard

Contact Material: Beryllium Copper Alloy 172, HT

Dimensions: Millimeters

Tolerances On: Lengths: ± 0,13
Diameters: ± 0,051
Angles: ± 2 °

RoHS-2 2011/65/EU

ORDER CODE: XXXX - X - 17 - XX - 34 - XX - 02 - 0

BASIC PART #

SPECIFY SHELL FINISH:
- **01** 5,08µm TIN/LEAD OVER NICKEL
- **80** 5,08µm TIN OVER NICKEL (RoHS)
- **15** 0,25µm GOLD OVER NICKEL (RoHS)

SPECIFY CONTACT FINISH:
- **01** 5,08µm TIN/LEAD OVER NICKEL
- **80** 5,08µm TIN OVER NICKEL (RoHS)
- **27** 0,76µm GOLD OVER NICKEL (RoHS)

SELECT CONTACT:
#34 CONTACT (DATA ON PAGE 258)
(For alternate contact choices, see group E on page 248)