PIN RECEP'TACLES
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 .008” to .102” 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:

**PHOSPHOR BRONZE Alloy** 544: .062/.072/.078 diameters
**TELLURIUM COPPER Alloy** 145: .079/.093/.125/.156 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.
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.
PIN RECEPTACLES

FOR .008” - .013” DIAMETER PINS (#04 CONTACT) AND .012” - .017” DIAMETER PINS (#10 CONTACT)
(SEE SPECIFIC CONTACT RANGE ON PAGE 250)

**8210**
Press-fit in .024/.027 stepped hole

**0439**
Press-fit in .025 mounting hole

**4518**
Press-fit in .025 mounting hole

**X464**
X464-X-15-XX-10-XX-04-0
Solder mount in .016 min. mounting hole

**9225**
9225-0-15-XX-10-XX-10-0
Press-fit in .039 mounting hole

**8947**
8947-0-15-XX-10-XX-10-0
Solder mount in .040 min. mounting hole
Also available on 24mm wide carrier tape: 1,350 parts per 13” reel.
See page 194.1 for Tape & Reel details

**8225**
8225-0-10-XX-10-0-0
Hex press-fit in .042 plated through-hole

**4993**
4993-0-15-15-10-27-10-0
Compliant press-fit in .041 - .043 Dia. mounting hole

**0529**
0529-0-15-XX-10-XX-0-0
.040 min. mounting hole

**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°

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

**BASIC PART #**

**SPECIFY SHELL FINISH:**
01 200 μ” TIN/LEAD OVER NICKEL
08 200 μ” TIN OVER NICKEL (RoHS)
15 10 μ” GOLD OVER NICKEL (RoHS)

**SPECIFY CONTACT FINISH:**
02 100 μ” TIN/LEAD OVER NICKEL
08 100 μ” TIN OVER NICKEL (RoHS)
27 30 μ” GOLD OVER NICKEL (RoHS)

**SELECT CONTACT:**

#04 or #10 CONTACT (DATA ON PAGE 250)
(CONTACTS #04 & #10 NOT INTERCHANGEABLE)
**PIN RECEPTACLES**

FOR .015” - .020” DIAMETER PINS (#11 CONTACT) AND .015” - .022” DIAMETER PINS (#21 CONTACT) (SEE SPECIFIC CONTACT RANGE ON PAGE 251)

**0548**

0548-0-15-XX-21-XX-10-0
Solder mount in .036 min. mounting hole
Also available on 16mm wide carrier tape: 1,900 parts per 13” reel
See page 194.3 for Tape & Reel details

**8975**

8975-0-15-XX-21-XX-10-0
Solder mount in .036 min. mounting hole
Also available on 24mm wide carrier tape: 1,200 parts per 13” reel
See page 194.3 for Tape & Reel details

**3016**

3016-0-15-XX-21-XX-10-0
Solder mount in .036 min. mounting hole
Also available on 16mm wide carrier tape: 1,900 parts per 13” reel
See page 194.3 for Tape & Reel details

**9548**

9548-0-15-XX-21-XX-10-0
Solder mount in .036 min. mounting hole
Also available on 16mm wide carrier tape: 1,900 parts per 13” reel
See page 194.3 for Tape & Reel details

**8637**

8637-0-15-XX-21-XX-10-0
Solder mount in .037 min. mounting hole
Also available on 16mm wide carrier tape: 3,000 parts per 13” reel
See page 194.3 for Tape & Reel details

**1407**

1407-0-15-XX-11-XX-10-0
Solder mount in .040 min. mounting hole
Also available on 16mm wide carrier tape: 1,500 parts per 13” reel
See page 194.2 for Tape & Reel details

**0553/4553/8553**

0553-1 0553-2 0553-3 4553-0 8553-0
Hex press-fit in .041 plated through-hole for Part Numbers 0553-X and 8553-0 ONLY
Hex press-fit in .042 plated through-hole for Part Number 4553-0 ONLY

**0566**

0566-1 0566-2
Hex press-fit in .042 plated through-hole for Part Number 4553-0 ONLY

**0442**

0442-0-15-XX-11-XX-10-0
Solder mount in .040 min. mounting hole
Also available on 16mm wide carrier tape: 1,900 parts per 13” reel
See page 194.3 for Tape & Reel details

**0554**

0554-0-15-XX-21-XX-10-0
Solder mount in .036 min. mounting hole
Also available on 16mm wide carrier tape: 1,900 parts per 13” 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: Inches

**Tolerances On:**
- Lengths: ± .005
- Diameters: ± .002
- Angles: ± 2°

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

BASIC PART #

SPECIFY SHELL FINISH:
- 01 200 μ” TIN/LEAD OVER NICKEL
- 02 100 μ” TIN/LEAD OVER NICKEL
- 03 200 μ” TIN OVER NICKEL (RoHS)
- 04 100 μ” TIN OVER NICKEL (RoHS)
- 15 10 μ” GOLD OVER NICKEL (RoHS)

SPECIFY CONTACT FINISH:
- 02 100 μ” TIN/LEAD OVER NICKEL
- 04 100 μ” TIN OVER NICKEL (RoHS)
- 27 30 μ” 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 .015" - .018" DIAMETER PINS (#09 CONTACT)
FOR .015" - .020" DIAMETER PINS (#11 CONTACT)
AND .015" - .022" DIAMETER PINS (#21 CONTACT)

0467
0467-0-15-XX-21-XX-04-0
Press-fit in .037 mounting hole

0552
0552-0-15-XX-XX-10-0
Solder mount in .040 min. mounting hole
Also available on 16mm wide carrier tape:
1,500 parts per 13" reel
See page 194.2 for Tape & Reel details

5522
5522-0-15-XX-XX-10-0
Solder mount in .040 min. mounting hole

0569
0569-0-15-XX-XX-10-0
Solder mount in .040 min. mounting hole
Also available on 16mm wide carrier tape:
2,000 parts per 13" reel
See page 194.2 for Tape & Reel details

6023
6023-0-15-XX-21-XX-10-0
Solder mount in .040 min. mounting hole

6214
6214-0-15-XX-XX-10-0
Solder mount in .040 min. mounting hole

2086
2086-0-15-XX-21-XX-04-0
Press-fit in .040 mounting hole

0461
0461-X-15-XX-X1-XX-04-0
Solder mount in .020 min. mounting hole

8579
8579-X-15-XX-XX-10-0
Solder mount in .040 min. mounting hole
Also available on 24mm wide carrier tape
See chart for details
See page 194.2 for Tape & Reel details

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°

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

BASIC PART #
SPECIFY SHELL FINISH:
01 200 μ" TIN/LEAD OVER NICKEL
02 100 μ" TIN/LEAD OVER NICKEL
08 200 μ" TIN OVER NICKEL (RoHS)
10 15 μ" GOLD OVER NICKEL
28 100 μ" TIN OVER NICKEL (RoHS)
27 30 μ" GOLD OVER NICKEL (RoHS)

SPECIFY CONTACT FINISH:
09 10 μ" TIN OVER NICKEL (RoHS)
11 10 μ" TIN OVER NICKEL (RoHS)
21 30 μ" 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 .015” - .020” DIAMETER PINS (#11 CONTACT) AND .015” - .022” DIAMETER PINS (#21 CONTACT) (SEE SPECIFIC CONTACT RANGE ON PAGE 251)

**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°

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

**BASIC PART #**

**SPECIFY SHELL FINISH:**
- 01 200 μ” TIN/LEAD OVER NICKEL
- 08 200 μ” TIN OVER NICKEL (RoHS)
- 15 10 μ” GOLD OVER NICKEL (RoHS)

**SPECIFY CONTACT FINISH:**
- 02 100 μ” TIN/LEAD OVER NICKEL
- 84 100 μ” TIN OVER NICKEL (RoHS)
- 27 30 μ” 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 .015” - .020” DIAMETER PINS (#11 CONTACT) AND .015” - .022” DIAMETER PINS (#21 CONTACT) (SEE SPECIFIC CONTACT RANGE ON PAGE 251)

**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°

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

**BASIC PART #**

**SPECIFY SHELL FINISH:**

- 01 200 μ” TIN/LEAD OVER NICKEL
- 02 100 μ” TIN/LEAD OVER NICKEL (RoHS)
- 04 100 μ” TIN OVER NICKEL (RoHS)
- 15 10 μ” GOLD OVER NICKEL (RoHS)

**SPECIFY CONTACT FINISH:**

- 80 200 μ” TIN OVER NICKEL (RoHS)
- 84 100 μ” TIN OVER NICKEL (RoHS)
- 27 30 μ” 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 .015” - .020” DIAMETER PINS (#11 CONTACT) AND .015” - .022” DIAMETER PINS (#05 & #21 CONTACTS) (SEE SPECIFIC CONTACT RANGE ON PAGE 251)

0489
0489-X-15-XX-11-XX-04-0
Press-fit in .041 mounting hole

Basic Part Number | Length A
--- | ---
0489-0 | .102
0489-1 | .199
0489-2 | .299

0463
0463-0-15-XX-21-XX-04-0
Press-fit in .043 mounting hole.
Shell is Phosphor Bronze Alloy 544 (B2)

0466
0466-0-15-XX-21-XX-04-0
Press-fit in .043 mounting hole.
Shell is Phosphor Bronze Alloy 544 (B2)

7491
7491-0-15-XX-09-XX-04-0
Press-fit in .042 mounting hole
*Contact substitution not recommended

0462
0462-0-15-XX-1-XX-04-0
Press-fit in .043 mounting hole

0560
0560-0-15-XX-11-XX-10-0
Hex press-fit in .043 plated through-hole

5552
5552-0-15-XX-05-XX-10-0
Solder mount in .040 min. mounting hole

4890
4890-X-15-XX-11-XX-04-0
Octagonal press-fit in .041 mounting hole

Basic Part Number | Length A
--- | ---
4890-0 | .102
4890-1 | .199
4890-2 | .299

4994
4994-0-15-15-11-27-10-0
Compliant press-fit in .041 -.044 dia. mounting hole

4485
4485-0-51-XX-21-XX-10-0
Solder mount in .059 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: Inches
Tolerances On: Lengths: ± .005
Diameters: ± .002
Angles: ± 2°

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

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

FOR .015” - .022” DIAMETER PINS

6561
6561-0-15-XX-05-XX-10-0
Solder mount in .051 min. mounting hole

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 °

ORDER CODE: XXXX - X - XX - XX - 05 - XX - 10 - 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:
02 100 μ” TIN/LEAD OVER NICKEL
84 100 μ” TIN OVER NICKEL (RoHS)
27 30 μ” 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 .015” - .022” DIAMETER PINS

**SPECIFICATIONS:**

<table>
<thead>
<tr>
<th>Shell Material:</th>
<th>Brass Alloy 360, 1/2 Hard</th>
</tr>
</thead>
<tbody>
<tr>
<td>Contact Material:</td>
<td>Beryllium Copper Alloy 172, HT</td>
</tr>
<tr>
<td>Dimensions:</td>
<td>Inches</td>
</tr>
<tr>
<td>Tolerances On:</td>
<td>Lengths: ± .005</td>
</tr>
<tr>
<td></td>
<td>Diameters: ± .002</td>
</tr>
<tr>
<td></td>
<td>Angles: ± 2 °</td>
</tr>
</tbody>
</table>

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

**BASIC PART #**

- **SPECIFY SHELL FINISH:**
  - 01 200 μ" TIN/LEAD OVER NICKEL
  - 02 100 μ" TIN/LEAD OVER NICKEL
  - 04 100 μ" TIN OVER NICKEL (RoHS)
  - 08 200 μ" TIN OVER NICKEL (RoHS)
  - 15 10 μ" GOLD OVER NICKEL (RoHS)

- **SPECIFY CONTACT FINISH:**
  - 27 30 μ" 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)
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°

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

BASIC PART # SPECIFY SHELL FINISH:
01 200 μ" TIN/LEAD OVER NICKEL
08 200 μ" TIN OVER NICKEL (RoHS)
15 10 μ" GOLD OVER NICKEL (RoHS)

SPECIFY CONTACT FINISH:
02 100 μ" TIN/LEAD OVER NICKEL
84 100 μ" TIN OVER NICKEL (RoHS)
27 30 μ" GOLD OVER NICKEL (RoHS)

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

For .015” - .022” Diameter Pins

9900
9900-0-15-XX-22-XX-04-0
Press-fit in .056 mounting hole

.070 DIA. .059 DIA. .020 DIA. .072 .110 .132 .175
PIN RECEPTACLES

FOR .015” - .025” DIAMETER PINS

0501
0501-0-15-XX-30-XX-04-0
Press-fit in .057 mounting hole

8427
8427-0-15-XX-30-XX-04-0
Press-fit in .057 mounting hole

1434
1434-0-15-XX-30-XX-10-0
Press-fit in .055 mounting hole

9970
9970-0-15-XX-30-XX-04-0
Square press-fit in .032 ± .002 plated through-hole

5970
5970-X-15-XX-32-XX-04-0
Square press-fit for .032 or .039 ± .002 plated through-hole

0477/0478
047X-0-18-XX-30-XX-04-0
Solderless press-fit in .038 ± .003 / -.002 plated through-hole (use 1.1mm drill prior to plating)

4612
4612-0-31-XX-30-XX-04-0
Compliant press-fit in .040 ± .003 plated through-hole. For .060”-.100” thick board

4613
4613-0-31-XX-30-XX-04-0
Compliant press-fit in .040 ± .003 plated through-hole. For .090”-.130” thick board Also available on 16mm wide carrier tape: 1,700 parts per 13” reel See page 194.7 for Tape & Reel details

0680
0680-0-15-XX-32-XX-10-0
Solder mount in .051 min. mounting hole Also available on 16mm wide carrier tape: 1,700 parts per 13” reel See page 194.7 for Tape & Reel details

0149
0149-0-15-XX-30-XX-04-0
Press-fit in .059 mounting hole

SPECIFICATIONS:

ORDER CODE: XXXX - X - 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:
02 100 µ” TIN/LEAD OVER NICKEL
84 100 µ” TIN OVER NICKEL (RoHS)
27 30 µ” 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 .015” - .025” DIAMETER PINS

**3530**  
3530-0-15-XX-30-XX-10-0  
Also available in HSMT connector series: 835-XX-0XX-40-035001  
1,450 parts per 13” reel  
See page 87.3 for Tape & Reel details

**5074**  
5074-0-15-XX-32-XX-10-0  
Surface mount

#### 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°

#### ORDER CODE: XXXX - 0 - 15 - XX - 30 - XX - 10 - 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:**
- **02** 100 μ” TIN/LEAD OVER NICKEL  
- **80** 200 μ” TIN OVER NICKEL (RoHS)  
- **27** 30 μ” 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 .015” - .025” DIAMETER PINS

0660
0660-0-15-XX-30-XX-10-0
Solder mount in .051 min. mounting hole
Also available on 24mm wide carrier tape: 1,500 parts per 13” reel
See page 194.6 for Tape & Reel details

0677
0677-0-15-XX-30-XX-10-0
Solder mount in .051 min. mounting hole
Also available on 24mm wide carrier tape: 1,200 parts per 13” reel
See page 194.6 for Tape & Reel details

0555
0555-0-15-XX-32-XX-10-0
Solder mount in .053 min. mounting hole
Also available on 16mm wide carrier tape: 1,800 parts per 13” reel
See page 194.7 for Tape & Reel details

0558
0558-0-15-XX-30-XX-10-0
Solder mount in .061 min. mounting hole

0675/0679
067X-0-15-XX-30-XX-10-0
Solder mount in .054 min. mounting hole

1065/1066/7065
X06X-0-15-XX-30-XX-10-0
Solder mount in .055 min. mounting hole
P/N 1066-0 also available on 16mm wide carrier tape: 1,700 parts per 13” reel
See page 194.6 for Tape & Reel details

0682
0682-0-15-XX-32-XX-10-0
Solder mount in .056 min. mounting hole
Also available on 16mm wide carrier tape: 1,500 parts per 13” reel
See page 194.7 for Tape & Reel details

0667
0667-0-15-XX-30-XX-10-0
Solder mount in .057 min. mounting hole
Also available on 16mm wide carrier tape: 1,700 parts per 13” reel
See page 194.5 for Tape & Reel details

0665
0665-0-15-XX-30-XX-10-0
Solder mount in .061 min. mounting hole
Also available on 16mm wide carrier tape: 1,580 parts per 13” reel
See page 194.5 for Tape & Reel details

4286
4286-0-15-XX-30-XX-10-0
Hex press-fit in .055 plated through-hole

0667
0667-0-15-XX-30-XX-10-0
Solder mount in .057 min. mounting hole
Also available on 16mm wide carrier tape: 1,700 parts per 13” reel
See page 194.5 for Tape & Reel details

0665
0665-0-15-XX-30-XX-10-0
Solder mount in .061 min. mounting hole
Also available on 16mm wide carrier tape: 1,580 parts per 13” reel
See page 194.5 for Tape & Reel details

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°

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

BASIC PART #
SELECT CONTACT: #30 or #32 CONTACT (DATA ON PAGE 253)

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:
02 100 μ” TIN/LEAD OVER NICKEL
84 100 μ” TIN OVER NICKEL (RoHS)
27 30 μ” GOLD OVER NICKEL (RoHS)

(For alternate contact choices, see groups B and C on page 248)
**PIN RECEPTACLES**

**FOR .015” - .025” DIAMETER PINS**

- **0669**
  - Solder mount in .060 min. mounting hole
  - Also available on 16mm wide carrier tape: 1,700 parts per 13” reel
  - See page 194.5 for Tape & Reel details

- **0670**
  - Solder mount in .060 min. mounting hole
  - Also available on 16mm wide carrier tape: 2,000 parts per 13” reel
  - See page 194.6 for Tape & Reel details

- **0341**
  - Solder mount in .073 mounting hole
  - Also available on 12mm wide carrier tape: 1,400 parts per 13” reel
  - See page 194.5 for Tape & Reel details

- **0673**
  - Surface mount
  - Also available on 16mm wide carrier tape: 2,300 parts per 13” reel
  - See page 194.7 for Tape & Reel details

- **0666**
  - Solder mount in .064 min. mounting hole
  - Also available on 16mm wide carrier tape: 2,000 parts per 13” reel
  - See page 194.5 for Tape & Reel details

- **0697**
  - Press-fit in .057 mounting hole

- **0668**
  - Press-fit in .057 mounting hole

- **0253/1033**
  - Press-fit in .057 mounting hole

**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 °

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

**BASIC PART #**

**SPECIFY SHELL FINISH:**

- 01 200 μ" TIN/LEAD OVER NICKEL
- 02 100 μ" TIN/LEAD OVER NICKEL
- 04 100 μ” TIN OVER NICKEL (RoHS)
- 08 200 μ” TIN OVER NICKEL (RoHS)
- 15 10 μ” GOLD OVER NICKEL (RoHS)
- 27 30 μ” GOLD OVER NICKEL (RoHS)

**SPECIFY CONTACT FINISH:**

- 02 100 μ” TIN/LEAD OVER NICKEL
- 04 100 μ” TIN OVER NICKEL (RoHS)
- 27 30 μ” 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 .015” - .025” DIAMETER PINS

<table>
<thead>
<tr>
<th>Model</th>
<th>Basic Part Number</th>
<th>Length A</th>
</tr>
</thead>
<tbody>
<tr>
<td>4011</td>
<td>0132-0</td>
<td>.273</td>
</tr>
<tr>
<td>4011</td>
<td>0135-0</td>
<td>.183</td>
</tr>
<tr>
<td>1801</td>
<td>0133-0</td>
<td>.382</td>
</tr>
<tr>
<td>1801</td>
<td>0147-0</td>
<td>.563</td>
</tr>
</tbody>
</table>

**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°

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

**BASIC PART #**

**SPECIFY SHELL FINISH:**

- 01 200 μ" TIN/LEAD OVER NICKEL
- 08 200 μ" TIN OVER NICKEL (RoHS)
- 15 10 μ" GOLD OVER NICKEL (RoHS)

**SPECIFY CONTACT FINISH:**

- 02 100 μ" TIN/LEAD OVER NICKEL
- 04 100 μ" TIN OVER NICKEL (RoHS)
- 07 30 μ" 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 .015” - .025” DIAMETER PINS**

### 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°

### ORDER CODE: XXXX - X - 15 - 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:**

- **02** 100 µ” TIN/LEAD OVER NICKEL
- **84** 100 µ” TIN OVER NICKEL (RoHS)
- **27** 30 µ” 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)

---

**1005/1013/8898**

**XXX-0-15-XX-3X-XX-04-0**

Press-fit in .057 mounting hole

Annealed brass shell for auto-clinching

<table>
<thead>
<tr>
<th>Basic Part Number</th>
<th>Length A</th>
</tr>
</thead>
<tbody>
<tr>
<td>1005-0</td>
<td>.138</td>
</tr>
<tr>
<td>1013-0</td>
<td>.165</td>
</tr>
<tr>
<td>8898-0</td>
<td>.224</td>
</tr>
</tbody>
</table>

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

---

**0145/0146**

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

Press-fit in .059 mounting hole

<table>
<thead>
<tr>
<th>Basic Part Number</th>
<th>Length A</th>
</tr>
</thead>
<tbody>
<tr>
<td>0145-0</td>
<td>.300</td>
</tr>
<tr>
<td>0146-0</td>
<td>.410</td>
</tr>
</tbody>
</table>

---

**4378**

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

Press-fit in .057 mounting hole

<table>
<thead>
<tr>
<th>Length A</th>
</tr>
</thead>
<tbody>
<tr>
<td>.020</td>
</tr>
<tr>
<td>.060</td>
</tr>
<tr>
<td>.080</td>
</tr>
<tr>
<td>.138</td>
</tr>
<tr>
<td>.164</td>
</tr>
<tr>
<td>.016</td>
</tr>
</tbody>
</table>

---

**0556**

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

Press-fit in .059 mounting hole

<table>
<thead>
<tr>
<th>Length A</th>
</tr>
</thead>
<tbody>
<tr>
<td>.020</td>
</tr>
<tr>
<td>.060</td>
</tr>
<tr>
<td>.080</td>
</tr>
<tr>
<td>.138</td>
</tr>
<tr>
<td>.164</td>
</tr>
<tr>
<td>.016</td>
</tr>
</tbody>
</table>

---

**1103**

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

Press-fit in .057 mounting hole

<table>
<thead>
<tr>
<th>Length A</th>
</tr>
</thead>
<tbody>
<tr>
<td>.020</td>
</tr>
<tr>
<td>.060</td>
</tr>
<tr>
<td>.080</td>
</tr>
<tr>
<td>.138</td>
</tr>
<tr>
<td>.164</td>
</tr>
<tr>
<td>.016</td>
</tr>
</tbody>
</table>

---

**9234**

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

Solder mount in .052 min. mounting hole

<table>
<thead>
<tr>
<th>Length A</th>
</tr>
</thead>
<tbody>
<tr>
<td>.018</td>
</tr>
<tr>
<td>.050</td>
</tr>
<tr>
<td>.095</td>
</tr>
<tr>
<td>.138</td>
</tr>
<tr>
<td>.156</td>
</tr>
</tbody>
</table>

---

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

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

Press-fit in .057 mounting hole

<table>
<thead>
<tr>
<th>Length A</th>
</tr>
</thead>
<tbody>
<tr>
<td>.020</td>
</tr>
<tr>
<td>.060</td>
</tr>
<tr>
<td>.080</td>
</tr>
<tr>
<td>.138</td>
</tr>
<tr>
<td>.164</td>
</tr>
<tr>
<td>.010</td>
</tr>
</tbody>
</table>

---

**0447**

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

Press-fit in .056 mounting hole

<table>
<thead>
<tr>
<th>Length A</th>
</tr>
</thead>
<tbody>
<tr>
<td>.020</td>
</tr>
<tr>
<td>.060</td>
</tr>
<tr>
<td>.080</td>
</tr>
<tr>
<td>.138</td>
</tr>
<tr>
<td>.164</td>
</tr>
<tr>
<td>.010</td>
</tr>
</tbody>
</table>

---

**5660**

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

Solder mount in .051 min. mounting hole

<table>
<thead>
<tr>
<th>Length A</th>
</tr>
</thead>
<tbody>
<tr>
<td>.040</td>
</tr>
<tr>
<td>.080</td>
</tr>
<tr>
<td>.138</td>
</tr>
<tr>
<td>.180</td>
</tr>
<tr>
<td>.200</td>
</tr>
</tbody>
</table>

---

**0145-0**

<table>
<thead>
<tr>
<th>Length A</th>
</tr>
</thead>
<tbody>
<tr>
<td>.300</td>
</tr>
<tr>
<td>.410</td>
</tr>
</tbody>
</table>

---

**0146-0**
PIN RECEPTACLES

FOR .015” - .025” DIAMETER PINS

<table>
<thead>
<tr>
<th>Model</th>
<th>Description</th>
<th>Height A (inches)</th>
</tr>
</thead>
<tbody>
<tr>
<td>7132-0-15-XX-30-XX-04-0</td>
<td>Square press-fit for .032 ± .002 plated through-hole</td>
<td>1.170</td>
</tr>
<tr>
<td>1038-0-15-XX-30-XX-04-0</td>
<td>Press-fit in .059 mounting hole</td>
<td>1.114</td>
</tr>
<tr>
<td>1261-0-15-XX-30-XX-04-0</td>
<td>Press-fit in .057 mounting hole</td>
<td>1.000</td>
</tr>
<tr>
<td>0153-X-15-XX-30-XX-04-0</td>
<td>Press-fit in .057 mounting hole</td>
<td>1.186</td>
</tr>
<tr>
<td>1602/1610-0-15-XX-30-XX-04-0</td>
<td>Press-fit in .057 mounting hole</td>
<td>1.126</td>
</tr>
<tr>
<td>0903-0-15-XX-30-XX-04-0</td>
<td>Press-fit in .057 mounting hole</td>
<td>1.141</td>
</tr>
<tr>
<td>8252-0-15-XX-30-XX-10-0</td>
<td>Press-fit in .057 plated through-hole</td>
<td>1.084</td>
</tr>
<tr>
<td>4078-0-15-XX-30-XX-40-0</td>
<td>Press-fit in .057 mounting hole</td>
<td>1.060</td>
</tr>
</tbody>
</table>

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°

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

BASIC PART #

SPECIFY SHELL FINISH:
01 200 μ” TIN/LEAD OVER NICKEL
08 200 μ” TIN OVER NICKEL (RoHS)
15 10 μ” GOLD OVER NICKEL (RoHS)

SPECIFY CONTACT FINISH:
02 100 μ” TIN/LEAD OVER NICKEL
04 100 μ” TIN OVER NICKEL (RoHS)
27 30 μ” GOLD OVER NICKEL (RoHS)

SELECT CONTACT:
#30 CONTACT (DATA ON PAGE 253)
(For alternate contact choices, see groups B and C on page 248)
PIN RECEPTACLES
FOR .015” - .025” DIAMETER PINS

1707
1707-0-19-XX-30-XX-10-0
Press-fit in .061 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 .059 mounting hole

0307
0307-0-15-XX-30-XX-04-0
Press-fit in .059 mounting hole

1753
1753-0-15-XX-30-XX-04-0
Press-fit in .057 mounting hole

1705/1706/1762
17XX-0-15-XX-3X-XX-04-0
Press-fit in .057 mounting hole

0672
0672-X-15-XX-30-XX-10-0
Swage mount in .049 hole

1024/1104
1XX4-0-18-XX-30-XX-10-0
Press-fit in .059 mounting hole
Accepts wire sizes up to .028” dia.

0498
0498-0-15-XX-35-XX-04-0
Press-fit in .057 mounting hole

8131
8131-0-15-XX-30-XX-10-0
Press-fit in .057 mounting hole

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 °

ORDER CODE: XXXX - X - 1X - 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:
02 100 µ” TIN/LEAD OVER NICKEL
84 100 µ” TIN OVER NICKEL (RoHS)
27 30 µ” 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)
FOR .015” - .025” DIAMETER PINS

**1802/3802/4030/8866**

**Basic Part Number** | **Length A**
--- | ---
1802-0 | .125
3802-0 | .165
8866-0 | .775
4030-0 | .815

**1803/1805/1808/3805**

**Basic Part Number** | **Length A**
--- | ---
1808-0 | .100
1803-0 | .145
1805-0 | .213
3805-0 | .393

**1804/1806**

**Basic Part Number** | **Length A**
--- | ---
1804-0 | .080
1806-0 | .115

**8830**

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

**Basic Part Number** | **Length A**
--- | ---
8830-15-XX-22-XX-10-0 | .000

**8363**

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

**Basic Part Number** | **Length A**
--- | ---
8363-0-15-XX-35-XX-10-0 | .000

**4622**

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

**Basic Part Number** | **Length A**
--- | ---
4622-0-15-XX-30-XX-10-0 | .000

**6252**

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

**Basic Part Number** | **Length A**
--- | ---
6252-0-15-XX-32-XX-10-0 | .000

**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°

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

**BASIC PART #**

**SPECIFY SHELL FINISH:**
- 01 200 μ" TIN/LEAD OVER NICKEL
- 02 100 μ" TIN/LEAD OVER NICKEL
- 04 80 μ" TIN OVER NICKEL
- 08 200 μ" TIN OVER NICKEL (RoHS)
- 15 10 μ" GOLD OVER NICKEL
- 16 10 μ" GOLD OVER NICKEL (RoHS)
- 27 30 μ" GOLD OVER NICKEL (RoHS)

**SPECIFY CONTACT FINISH:**
- 03 30 μ" GOLD OVER NICKEL
- 19 15 μ" GOLD OVER NICKEL

**SELECT CONTACT:**
- #22, #30, #32 or #43 (Contact (data on page 252, 253 & 254)
- (For alternate contact choices, see groups B and C on page 248)
PIN RECEPTACLES
FOR .015” - .025” DIAMETER PINS

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 - 2011/65/EU

ORDER CODE: XXXX - X - 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:
02 100 μ” TIN/LEAD OVER NICKEL
84 100 μ” TIN OVER NICKEL (RoHS)
27 30 μ” 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)
PIN RECEPTACLES

FOR .015” - .025” DIAMETER PINS

8964
8964-0-15-XX-30-XX-04-0
Press-fit in .057 mounting hole

5342
5342-0-15-XX-35-XX-10-0
Solder mount in .051 min. mounting hole
Also available on 8mm wide carrier tape: 6,000 parts per 13” reel
See page 194.7 for Tape & Reel details

8857
8857-X-15-XX-32-XX-04-0
Press-fit in .057 mounting hole

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°

ORDER CODE: XXXX - X - XX - XX - XX - 10 - 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:
02 100 µ” TIN/LEAD OVER NICKEL
84 100 µ” TIN OVER NICKEL (RoHS)
27 30 µ” 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)

FOR .015” - .025” DIAMETER PINS

8855
8855-0-15-XX-30-XX-34-0
Press-fit in .057 mounting hole

ORDER CODE: XXXX - X - XX - XX - XX - 10 - 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:
02 100 µ” TIN/LEAD OVER NICKEL
84 100 µ” TIN OVER NICKEL (RoHS)
27 30 µ” 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)
### PIN RECEPTACLES

#### FOR .018” - .023” DIAMETER PINS

<table>
<thead>
<tr>
<th>PIN RECEPTACLE</th>
<th>DESCRIPTION</th>
<th>CODE</th>
<th>TOLERANCES</th>
</tr>
</thead>
<tbody>
<tr>
<td>0507-0-15-XX-31-XX-10-0</td>
<td>Solder mount in .042 min. mounting hole</td>
<td>05XX</td>
<td>± .005</td>
</tr>
<tr>
<td>0531-0-15-XX-31-XX-10-0</td>
<td>Hex press-fit in .045 plated through-hole</td>
<td>05XX</td>
<td>± .005</td>
</tr>
</tbody>
</table>

**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°

**ORDER CODE:**
- **05XX - 0 - 15 - XX - 31 - XX - 10 - 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:**
- #31 CONTACT

(For alternate contact choices, see group A on page 248)
For .020” - .032” Diameter Pins

**0338**
0338-0-15-XX-15-XX-10-0
Solder mount in .057 min. mounting hole
Also available on 16mm wide carrier tape:
1,700 parts per 13” reel
See page 194.9 for Tape & Reel details

**0378**
0378-0-15-XX-15-XX-10-0
Solder mount in .082 min. mounting hole
Also available on 16mm wide carrier tape:
2,200 parts per 13” reel
See page 194.9 for Tape & Reel details

**6002**
6002-0-19-XX-15-XX-10-0
Solder mount in .059 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 .063 min. mounting hole
Wire 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: Inches
Tolerances On:
- Lengths: ± .005
- Diameters: ± .002
- Angles: ± 2°

---

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

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

FOR .022” - .032” DIAMETER PINS

### 0295
0295-0-15-XX-06-XX-10-0
Solder mount in .063 min. mounting hole
Also available on 12mm wide carrier tape: 1,000 parts per 13” reel
See page 194.10 for Tape & Reel details

### 0292
0292-0-15-XX-06-XX-10-0
Solder mount in .071 min. mounting hole

### 0294
0294-0-15-XX-06-XX-10-0
Solder mount in .076 min. mounting hole
Also available on 12mm wide carrier tape: 1,400 parts per 13” reel
See page 194.10 for Tape & Reel details

### 0397
0397-X-15-XX-06-XX-04-0
Press-fit in .066 mounting hole

### 0398
0398-0-15-XX-06-XX-04-0
Press-fit in .066 mounting hole

### 9019/9039
90X9-0-19-XX-06-XX-10-0
Press-fit in .075 mounting hole

### 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°

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

### SELECT CONTACT:

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

### BASIC PART #

**SPECIFY SHELL FINISH:**

- 01 200 μ" TIN/LEAD OVER NICKEL
- 08 200 μ" TIN OVER NICKEL (RoHS)
- 15 10 μ" GOLD OVER NICKEL (RoHS)

**SPECIFY CONTACT FINISH:**

- 01 200 μ" TIN/LEAD OVER NICKEL
- 08 200 μ" TIN OVER NICKEL (RoHS)
- 27 30 μ" GOLD OVER NICKEL (RoHS)

### MILLMAX SPECIFICATIONS:

- Sheet Material: Brass Alloy 360, 1/2 Hard
- Contact Material: Beryllium Copper Alloy 172, HT
- Dimensions: Inches
- Tolerances On: Lengths: ± .005
- Diameters: ± .002
- Angles: ± 2°

---

For more details, see pages 194.10 for Tape & Reel details.
PIN RECEPTACLES

FOR .022” - .032” DIAMETER PINS

0326
0326-X-19-XX-06-XX-10-0
Swage mount in .060 hole

Basic Part Number | Board Thickness | Length | Depth
0326-1 | .031 | .062 | .040
0326-2 | .062 | .094 | .062
0326-3 | .094 | .125 | .062
0326-4 | .125 | .156 | .062

5295
5295-0-19-XX-06-XX-10-0
Solder mount in .086 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 .090 mounting hole

0298
0298-X-15-XX-06-XX-10-0
Swage mount in .060 hole

Basic Part Number | Board Thickness | Length | Depth
0298-1 | .031 | .051 | .085
0298-2 | .062 | .082 | .120
0298-3 | .094 | .113 | .156
0298-4 | .125 | .145 | .190

9923
9923-0-15-XX-06-XX-10-0
Hex press-fit in .067 plated through-hole

08864
08864-0-15-XX-06-XX-10-0
Press-fit in .067 mounting hole

0664
0664-X-15-XX-06-XX-10-0
Swage mount in .096 hole

Basic Part Number | Board Thickness | Length | Depth
0664-1 | .094 | .125 | .156
0664-2 | .125 | .156 | .219
0664-3 | .188 | .219 | .290

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°

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

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

SPECIFY SHELL FINISH:
01 200 μ” TIN/LEAD OVER NICKEL
08 200 μ” TIN OVER NICKEL (RoHS)
15 10 μ” GOLD OVER NICKEL (RoHS)

SPECIFY CONTACT FINISH:
01 200 μ” TIN/LEAD OVER NICKEL
08 200 μ” TIN OVER NICKEL (RoHS)
27 30 μ” GOLD OVER NICKEL (RoHS)
## PIN RECEPTACLES

**FOR .022” - .034” DIAMETER PINS AND .025” SQUARE PINS**

<table>
<thead>
<tr>
<th>Part Number</th>
<th>Description</th>
<th>Dimensions</th>
</tr>
</thead>
<tbody>
<tr>
<td>0291 0291-0-15-XX-16-XX-10-0</td>
<td>Hex press-fit in .067 plated through-hole</td>
<td>0.086 DIA. × 0.081 DIA.</td>
</tr>
<tr>
<td>0293 0293-0-15-XX-16-XX-10-0</td>
<td>Press-fit in .067 mounting hole</td>
<td>0.086 DIA. × 0.081 DIA.</td>
</tr>
<tr>
<td>0287 0287-0-15-XX-16-XX-10-0</td>
<td>Solder mount in .065 min. mounting hole</td>
<td>0.086 DIA. × 0.081 DIA.</td>
</tr>
<tr>
<td>0285 0285-0-15-XX-16-XX-10-0</td>
<td>Solder mount in .065 min. mounting hole</td>
<td>0.086 DIA. × 0.081 DIA.</td>
</tr>
<tr>
<td>0284 0284-0-15-XX-16-XX-10-0</td>
<td>Solder mount in .065 min. mounting hole</td>
<td>0.086 DIA. × 0.081 DIA.</td>
</tr>
<tr>
<td>0287 0287-0-15-XX-16-XX-10-0</td>
<td>Solder mount in .065 min. mounting hole</td>
<td>0.086 DIA. × 0.081 DIA.</td>
</tr>
<tr>
<td>8114 8114-0-15-XX-16-XX-04-0</td>
<td>Wire Crimp Termination. Accepts wire sizes 20 AWG Max. / 24 AWG Min.</td>
<td>0.075 DIA. × 0.073 DIA.</td>
</tr>
<tr>
<td>0407 0407-0-15-XX-16-XX-04-0</td>
<td>Press-fit in .066 mounting hole</td>
<td>0.075 DIA. × 0.073 DIA.</td>
</tr>
<tr>
<td>0415 0415-0-15-XX-16-XX-10-0</td>
<td>Solder mount in .063 min. mounting hole</td>
<td>0.086 DIA. × 0.081 DIA.</td>
</tr>
<tr>
<td>0303 0303-0-19-XX-16-XX-10-0</td>
<td>Wire Crimp Termination. Accepts wire sizes 26 AWG Max. / 30 AWG Min.</td>
<td>0.085 DIA. × 0.083 DIA.</td>
</tr>
<tr>
<td>0306 0306-0-19-XX-16-XX-10-0</td>
<td>Wire Crimp Termination. Accepts wire sizes 20 AWG Max. / 24 AWG Min.</td>
<td>0.085 DIA. × 0.083 DIA.</td>
</tr>
<tr>
<td>0273 0273-0-15-XX-16-XX-10-0</td>
<td>Press-fit in .078 mounting hole</td>
<td>0.086 DIA. × 0.081 DIA.</td>
</tr>
<tr>
<td>7520 7520-0-15-XX-16-XX-10-0</td>
<td>Press-fit in .066 mounting hole</td>
<td>0.086 DIA. × 0.081 DIA.</td>
</tr>
</tbody>
</table>

### SPECIFICATIONS:
- **Shell Material:** Brass Alloy 360, 1/2 Hard
- **Contact Material:** Beryllium Copper Alloy 172, HT
- **Dimensions:** Inches
- **Tolerances:**
  - Lengths: ± .005
  - Diameters: ± .002
  - Angles: ± 2°

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

**SPECIFY SHELL FINISH:**
- 01 200 μ" TIN/LEAD OVER NICKEL
- 05 200 μ" TIN OVER NICKEL (RoHS)
- 08 10 μ" GOLD OVER NICKEL (RoHS)

**SPECIFY CONTACT FINISH:**
- 01 200 μ" TIN/LEAD OVER NICKEL
- 05 200 μ" TIN OVER NICKEL (RoHS)
- 08 10 μ" 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 .022” - .034” DIAMETER PINS AND .025” SQUARE PINS

<table>
<thead>
<tr>
<th>PIN RECEPTACLES</th>
<th>9808</th>
<th>9101</th>
<th>5650</th>
<th>8679</th>
</tr>
</thead>
<tbody>
<tr>
<td>Press-fit in</td>
<td>.067 mounting hole</td>
<td>.067 mounting hole</td>
<td>.067 mounting hole</td>
<td>.071 min. mounting hole</td>
</tr>
<tr>
<td>Contact Number</td>
<td>#16</td>
<td>#16</td>
<td>#16</td>
<td>#16</td>
</tr>
<tr>
<td>Acceptance Range</td>
<td>.022 - .034 and .025</td>
<td>.032 - .046</td>
<td>.032 - .046</td>
<td>.032 - .046</td>
</tr>
</tbody>
</table>

### 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°

### ORDER CODE:

- **BASIC PART #**
- **SPECIFY SHELL FINISH:**
  - 01 200 μ” TIN/LEAD OVER NICKEL
  - 08 200 μ” TIN OVER NICKEL (RoHS)
  - 15 10 μ” GOLD OVER NICKEL (RoHS)
- **SPECIFY CONTACT FINISH:**
  - 01 200 μ” TIN/LEAD OVER NICKEL
  - 08 200 μ” TIN OVER NICKEL (RoHS)
  - 27 30 μ” GOLD OVER NICKEL (RoHS)
- **SELECT CONTACT:**
  - #16 CONTACT (DATA ON PAGE 256)
  - (For alternate contact choices, see group D on page 248)
FOR .025” - .037” DIAMETER PINS AND .025” SQUARE PINS

### 0305

<table>
<thead>
<tr>
<th>Basic Part Number</th>
<th>Length</th>
<th>Dia.</th>
<th>Material &amp; Packaging</th>
</tr>
</thead>
<tbody>
<tr>
<td>0305-0</td>
<td>.095</td>
<td>.056</td>
<td>Solder mount in .059/.061 mounting hole</td>
</tr>
<tr>
<td>0305-1</td>
<td>.105</td>
<td>.058</td>
<td>Also available on 8mm or 24mm wide carrier tape: See chart for details</td>
</tr>
<tr>
<td>0305-2</td>
<td>.155</td>
<td>.058</td>
<td></td>
</tr>
</tbody>
</table>

#### T&R Packaging

<table>
<thead>
<tr>
<th>Basic Part Number</th>
<th>Tape Width</th>
<th>Parts per 13° Reel</th>
</tr>
</thead>
<tbody>
<tr>
<td>0305-0</td>
<td>8mm</td>
<td>6,000</td>
</tr>
<tr>
<td>0305-1</td>
<td>8mm</td>
<td>5,400</td>
</tr>
<tr>
<td>0305-2</td>
<td>24mm</td>
<td>1,500</td>
</tr>
</tbody>
</table>

### 0300/8300

<table>
<thead>
<tr>
<th>Basic Part Number</th>
<th>Length</th>
<th>Dia.</th>
</tr>
</thead>
<tbody>
<tr>
<td>X300-15-XX-47-XX-0</td>
<td>.110</td>
<td>.078</td>
</tr>
<tr>
<td>X300-2</td>
<td>.187</td>
<td></td>
</tr>
<tr>
<td>8300-0</td>
<td>.140</td>
<td></td>
</tr>
</tbody>
</table>

### 0301

<table>
<thead>
<tr>
<th>Basic Part Number</th>
<th>Length</th>
<th>Dia.</th>
</tr>
</thead>
<tbody>
<tr>
<td>0301-15-XX-47-XX-0</td>
<td>.095</td>
<td>.062</td>
</tr>
<tr>
<td>0301-2</td>
<td></td>
<td>.062</td>
</tr>
</tbody>
</table>

### 0309

<table>
<thead>
<tr>
<th>Basic Part Number</th>
<th>Length</th>
<th>Dia.</th>
</tr>
</thead>
<tbody>
<tr>
<td>0309-15-XX-47-XX-0</td>
<td>.095</td>
<td>.062</td>
</tr>
<tr>
<td>0309-2</td>
<td></td>
<td>.062</td>
</tr>
</tbody>
</table>

### 0399

<table>
<thead>
<tr>
<th>Basic Part Number</th>
<th>Length</th>
<th>Dia.</th>
</tr>
</thead>
<tbody>
<tr>
<td>0399-0</td>
<td>.230</td>
<td>.072</td>
</tr>
<tr>
<td>0399-1</td>
<td>.180</td>
<td></td>
</tr>
</tbody>
</table>

### 1304

<table>
<thead>
<tr>
<th>Basic Part Number</th>
<th>Length</th>
<th>Dia.</th>
</tr>
</thead>
<tbody>
<tr>
<td>1304-0-15-XX-47-XX-0</td>
<td>.230</td>
<td>.070</td>
</tr>
<tr>
<td>1304-2</td>
<td></td>
<td>.070</td>
</tr>
</tbody>
</table>

### 1134

<table>
<thead>
<tr>
<th>Basic Part Number</th>
<th>Length</th>
<th>Dia.</th>
</tr>
</thead>
<tbody>
<tr>
<td>1134-0-18-15-47-27-10-0</td>
<td>.230</td>
<td>.070</td>
</tr>
<tr>
<td>1134-2</td>
<td></td>
<td>.070</td>
</tr>
</tbody>
</table>

### SPECIFICATIONS:

- **Shell Material:** Brass Alloy 360, 1/2 Hard
- **Contact Material:** Beryllium Copper Alloy 172, HT
- **Dimensions:** Inches
- **Tolerances On:** Lengths: ± .005
- **Angles:** ± 2°

### ORDER CODE:

- **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:

- #47 CONTACT (DATA ON PAGE 256)
- (For alternate contact choices, see group D on page 248)
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 .030” diameter round pins as well as .025” square pins.

Both compliant tail sockets and interconnects are available in two tail lengths, one for .060”-.100” thick panels and another for .090”-.130” 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 .012”-.017” and 4994 accepts leads from .015”-.020”.
### 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°

### ORDER CODE: XXXX - X - XX - 47 - 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:**  
#47 CONTACT (DATA ON PAGE 256)  
(For alternate contact choices, see group D on page 248)
PIN RECEPTACLES
FOR .025” - .037” DIAMETER PINS AND .025” SQUARE PINS

0401/6401
X401-0-15-XX-47-XX-04-0
Press-fit in .064 mounting hole

Basic Part Number  Length  A
0401-0  .340
6401-0  .540

4095
4095-0-15-XX-47-XX-04-0
Press-fit in .061 mounting hole

0722
0722-0-33-XX-47-XX-10-0
Wire crimp termination. Accepts wire sizes 22 AWG Max. / 28 AWG Min.

6368
6368-0-33-XX-47-XX-10-0
Wire crimp termination. Accepts wire sizes 22 AWG Max. / 26 AWG Min.

8303
8303-0-15-XX-47-XX-04-0
Press-fit in .061 mounting hole

1303
1303-0-15-XX-47-XX-04-0
Press-fit in .061 mounting hole

SPECIFICATIONS:
Shell Material: Brass Alloy 360, 1/2 Hard
Contact Material: Beryllium Copper Alloy 172, HT
Dimensions: Inches
Tolerances On: Lengths: ± 0.005
Diameters: ± 0.002
Angles: ± 2°

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

BASIC PART #
SPECIFY SHELL FINISH:
01  200 μ" TIN/LEAD OVER NICKEL
08  200 μ" TIN OVER NICKEL (RoHS)
15  10 μ" GOLD OVER NICKEL (RoHS)

SPECIFY CONTACT FINISH:
01  200 μ" TIN/LEAD OVER NICKEL
08  200 μ" TIN OVER NICKEL (RoHS)
27  30 μ" GOLD OVER NICKEL (RoHS)

SELECT CONTACT:
#47 CONTACT (DATA ON PAGE 256)
(For alternate contact choices, see group D on page 248)
FOR .025” - .037” DIAMETER PINS AND .025” SQUARE PINS

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°

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

**BASIC PART #**

**SPECIFY SHELL FINISH:**
- 80 200 μ” TIN OVER NICKEL (RoHS)
- 15 10 μ” GOLD OVER NICKEL (RoHS)

**SPECIFY CONTACT FINISH:**
- 27 30 μ” 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 .037" - .043" DIAMETER PINS

0331/9353
X3XX-0-15-XX-18-XX-10-0
Solder mount in .071 min. mounting hole
Also available on 24mm wide carrier tape: 1,000 parts per 13" reel
See page 194.13 for Tape & Reel details

9354-0-15-XX-18-XX-10-0
Solder mount in .071 min. mounting hole
Also available on 16mm wide carrier tape: 1,400 parts per 13" reel
See page 194.13 for Tape & Reel details

3520-0-15-XX-18-XX-10-0
Solder mount in .070 min. mounting hole
Also available on 16mm wide carrier tape: 2,750 parts per 13" reel
See page 194.13 for Tape & Reel details

8331-0-15-XX-18-XX-10-0
Solder mount in .071 min. mounting hole
Also available on 16mm wide carrier tape: 3,900 parts per 13" reel
See page 194.13 for Tape & Reel details

7405-0-18-XX-18-XX-10-0
Press-fit in .084 mounting hole
Accepts wire sizes up to .025" dia.

3450-0-15-XX-18-XX-04-0
Solder mount in .043 min. mounting hole

3520
3520-0-15-XX-18-XX-10-0
Solder mount in .070 min. mounting hole
Also available on 16mm wide carrier tape: 2,750 parts per 13" reel
See page 194.13 for Tape & Reel details

8331-0-15-XX-18-XX-10-0
Solder mount in .071 min. mounting hole
Also available on 16mm wide carrier tape: 3,900 parts per 13" reel
See page 194.13 for Tape & Reel details

6628-0-18-XX-18-XX-10-0
Surface mount
Also available on 12mm wide carrier tape: 1,700 parts per 13" reel
See page 194.13 for Tape & Reel details

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°

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

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

FOR .037” - .043” DIAMETER PINS

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°

ORDER CODE: XXXX - 0 - 15 - XX - 18 - 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:
#18 CONTACT (DATA ON PAGE 257)
(For alternate contact choices, see group L on page 248)
**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°

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

**BASIC PART #**

**SPECIFY SHELL FINISH:**

- 80 200 μ" TIN OVER NICKEL (RoHS)
- 15 10 μ" GOLD OVER NICKEL (RoHS)

**SPECIFY CONTACT FINISH:**

- 27 30 μ" GOLD OVER NICKEL (RoHS)

**SELECT CONTACT:**

#48 CONTACT

(For alternate contact choices, see group L on page 248)
**PIN RECEPTACLES**

FOR .032” - .046” DIAMETER PINS

<table>
<thead>
<tr>
<th>Basic Part Number</th>
<th>Board Thickness</th>
<th>Length</th>
<th>Depth</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>0344-1</strong></td>
<td>.031</td>
<td>.062</td>
<td>.040</td>
</tr>
<tr>
<td><strong>0344-2</strong></td>
<td>.062</td>
<td>.094</td>
<td>.062</td>
</tr>
<tr>
<td><strong>0344-3</strong></td>
<td>.094</td>
<td>.125</td>
<td>.062</td>
</tr>
<tr>
<td><strong>0344-4</strong></td>
<td>.125</td>
<td>.156</td>
<td>.062</td>
</tr>
</tbody>
</table>

**SPECIFICATIONS:**
- Shell Material: Brass Alloy 360, 1/2 Hard
- Contact Material: Beryllium Copper Alloy 172, HT
- Dimensions: Inches
- Tolerances: Lengths: ± .005
- Diameters: ± .002
- Angles: ± 2 °

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

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

**BASIC PART #**

**SPECIFY SHELL FINISH:**
- 01 200 μ” TIN/LEAD OVER NICKEL
- 08 200 μ” TIN OVER NICKEL (RoHS)
- 15 10 μ” GOLD OVER NICKEL (RoHS)

**SPECIFY CONTACT FINISH:**
- 01 200 μ” TIN/LEAD OVER NICKEL
- 08 200 μ” TIN OVER NICKEL (RoHS)
- 27 30 μ” GOLD OVER NICKEL (RoHS)
**PIN RECEPTACLES FOR .032” - .046” DIAMETER PINS**

**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°

**ORDER CODE:** XXXX - X - XX - 34 - XX - 10 - 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
- 08 200 μ" TIN OVER NICKEL (RoHS)
- 27 30 μ" GOLD OVER NICKEL (RoHS)

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

---

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

<table>
<thead>
<tr>
<th>Basic Part Number</th>
<th>Length L</th>
<th>Depth N</th>
</tr>
</thead>
<tbody>
<tr>
<td>0327-0</td>
<td>.285</td>
<td>.180</td>
</tr>
<tr>
<td>0351-0</td>
<td>.226</td>
<td>.200</td>
</tr>
<tr>
<td>0373-0</td>
<td>.270</td>
<td>.241</td>
</tr>
</tbody>
</table>

**T&R Packaging**

<table>
<thead>
<tr>
<th>Basic Part Number</th>
<th>Tape Width</th>
<th>Parts per 13&quot; Reel</th>
</tr>
</thead>
<tbody>
<tr>
<td>0327-0</td>
<td>12mm</td>
<td>1,400</td>
</tr>
<tr>
<td>0351-0</td>
<td>24mm</td>
<td>1,100</td>
</tr>
<tr>
<td>0373-0</td>
<td>24mm</td>
<td>1,000</td>
</tr>
</tbody>
</table>

---

**0327/0351/0373**

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

Solder mount in .075 min. mounting hole

Also available on 12mm or 24mm wide carrier tape: See chart for details

See page 194.14 for Tape & Reel details

**0328**

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

Hex press-fit in .079 plated through-hole

---

**0333**

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

Press-fit in .078 mounting hole

---

**0345**

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

Press-fit in .089 mounting hole

---

**0317**

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

Solder mount in .091 min. mounting hole

---

**0316**

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

Also available on 24mm wide carrier tape: 1,250 parts per 13" reel

See page 194.15 for Tape & Reel details

---

**0314**

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

Also available on 24mm wide carrier tape: 1,250 parts per 13" 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:** Inches
  - **Tolerances On:** Lengths: ± .005
  - Diameters: ± .002
  - Angles: ± 2°

---

**0307-0**

0307-0-15-XX-34-XX-10-0

Solder mount in .087 min. mounting hole

Also available on 24mm wide carrier tape: 1,250 parts per 13" reel

See page 194.14 for Tape & Reel details

---

**0312**

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

Solder mount in .075 min. mounting hole

Also available on 12mm or 24mm wide carrier tape: 1,400 parts per 13" reel

See page 194.14 for Tape & Reel details

---

**0315**

0315-0-15-XX-34-XX-10-0

Solder mount in .087 min. mounting hole

Also available on 24mm wide carrier tape: 1,250 parts per 13" reel

See page 194.15 for Tape & Reel details

---

**0308**

0308-0-15-XX-34-XX-10-0

Solder mount in .087 min. mounting hole

Also available on 24mm wide carrier tape: 1,250 parts per 13" reel

See page 194.15 for Tape & Reel details

---

**0313**

0313-0-15-XX-34-XX-10-0

Solder mount in .075 min. mounting hole

Also available on 12mm or 24mm wide carrier tape: 1,400 parts per 13" reel

See page 194.14 for Tape & Reel details

---

**0309**

0309-0-15-XX-34-XX-10-0

Solder mount in .087 min. mounting hole

Also available on 24mm wide carrier tape: 1,250 parts per 13" reel

See page 194.15 for Tape & Reel details

---

**0311**

0311-0-15-XX-34-XX-10-0

Solder mount in .087 min. mounting hole

Also available on 24mm wide carrier tape: 1,250 parts per 13" reel

See page 194.15 for Tape & Reel details

---

**SELECT CONTACT:**

#34 CONTACT (DATA ON PAGE 258)

(For alternate contact choices, see group E on page 248)
PIN RECEPTACLES
FOR .032” - .046” DIAMETER PINS

**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 °

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

**BASIC PART #**

**SPECIFY SHELL FINISH:**
- **01** 200 μ” TIN/LEAD OVER NICKEL
- **02** 200 μ” TIN OVER NICKEL (RoHS)
- **15** 10 μ” GOLD OVER NICKEL (RoHS)

**SPECIFY CONTACT FINISH:**
- **01** 200 μ” TIN/LEAD OVER NICKEL
- **08** 200 μ” TIN OVER NICKEL (RoHS)
- **27** 30 μ” 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 .032” - .046” DIAMETER PINS**

### 0739
- **0739-0-15-XX-34-XX-10-0**
  - Hex press-fit in .078 plated through-hole

### 8853
- **8853-0-15-XX-34-XX-10-0**
  - Press-fit in .071 mounting hole

### 8838
- **8838-0-15-XX-34-XX-10-0**
  - Solder mount in .086 min. mounting hole

### 3100
- **3100-0-15-XX-34-XX-10-0**
  - Solder mount in .074 min. mounting hole

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

### 0740
- **0740-0-18-XX-34-XX-10-0**
  - Press-fit in .075 mounting hole
  - For wire sizes up to 20 AWG

### 5084
- **5084-0-18-XX-34-XX-10-0**
  - Press-fit in .081 mounting hole
  - For wire sizes up to 18 AWG

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

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

### SPECIFICATIONS:
- **Shell Material:** Brass Alloy 360, 1/2 Hard
- **Contact Material:** Beryllium Copper Alloy 172, HT
- **Dimensions:** Inches
  - Lengths: ± .005
  - Diameters: ± .002
  - Angles: ± 2°

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

### SPECIFY SHELL FINISH:
- **01** 200 µ” TIN/LEAD OVER NICKEL
- **08** 200 µ” TIN OVER NICKEL (RoHS)
- **15** 10 µ” GOLD OVER NICKEL (RoHS)

### SPECIFY CONTACT FINISH:
- **01** 200 µ” TIN/LEAD OVER NICKEL
- **08** 200 µ” TIN OVER NICKEL (RoHS)
- **27** 30 µ” GOLD OVER NICKEL (RoHS)
PIN RECEPTACLES
FOR .032” - .046” DIAMETER PINS

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 13” reel
See page 194.14 for Tape & Reel details

6800
6800-0-15-XX-34-XX-04-0
Solder mount in .080 min. mounting hole

8369
8369-0-15-XX-34-XX-04-0
Press-fit in .084 mounting hole

2166
2166-0-15-XX-34-XX-04-0
Press-fit in .080 mounting hole

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

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 °

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

SPECIFY SHELL FINISH:
01 200 μ” TIN/LEAD OVER NICKEL
08 200 μ” TIN OVER NICKEL (RoHS)
15 10 μ” GOLD OVER NICKEL (RoHS)

SPECIFY CONTACT FINISH:
01 200 μ” TIN/LEAD OVER NICKEL
08 200 μ” TIN OVER NICKEL (RoHS)
27 30 μ” GOLD OVER NICKEL (RoHS)
**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 13”.

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.
### PIN RECEPTACLES

#### FOR .040” - .050” DIAMETER PINS (#02 CONTACT)

**0355**
- **0355-0-15-XX-02-XX-10-0**
  - Solder mount in .102 min. mounting hole
  - Also available on 24mm wide carrier tape:
    - 700 parts per 13” reel
  - See page 194.16 for Tape & Reel details

**0354**
- **0354-0-15-XX-02-XX-10-0**
  - Pentagonal press-fit in .104 min. plated through-hole

**3490**
- **3490-0-15-XX-02-XX-10-0**
  - Press-fit in .091 mounting hole

**3808**
- **3808-0-15-XX-02-XX-10-0**
  - Press-fit in .090 mounting hole

---

#### FOR .040” - .060” DIAMETER PINS (#03 CONTACT)

**9184**
- **9184-0-15-XX-02-XX-40-0**
  - Bottom entry, surface mount
  - .092 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
  - .082 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 13” reel
    - See page 194.17 for Tape & Reel details

---

### 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°

### ORDER CODE: XXX - X - XX - XX - XX - XX - 0

- **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 (RoHS)
  - **80** 200 μ" TIN OVER NICKEL (RoHS)
  - **27** 30 μ" GOLD OVER NICKEL (RoHS)

### SELECT CONTACT:

- **#02 or #03** CONTACT (DATA ON PAGE 259)
  - (For alternate contact choices, see group F on page 248)
FOR .040” - .060” DIAMETER PINS (#03 CONTACT) 
FOR .059” - .063” DIAMETER PINS (#42 CONTACT)

**0433/8433**
**X433-0-15-XX-03-XX-04-0**
Press-fit in .106 mounting hole

<table>
<thead>
<tr>
<th>Basic Part Number</th>
<th>Length A</th>
<th>Depth N</th>
</tr>
</thead>
<tbody>
<tr>
<td>0433-0</td>
<td>.120</td>
<td>.205</td>
</tr>
<tr>
<td>8433-0</td>
<td>.315</td>
<td>.230</td>
</tr>
</tbody>
</table>

**0435/0436**
**043X-0-15-XX-03-XX-10-0**
Solder mount in .102 min. mounting hole
Also available on 24mm wide carrier tape:
950 parts per 13” reel
See page 194.17 for Tape & Reel details

<table>
<thead>
<tr>
<th>Basic Part Number</th>
<th>Dia. C</th>
<th>Length K</th>
</tr>
</thead>
<tbody>
<tr>
<td>0435-0</td>
<td>.118</td>
<td>.050</td>
</tr>
<tr>
<td>0436-0</td>
<td>.125</td>
<td>.070</td>
</tr>
</tbody>
</table>

**0342**
**0342-0-15-XX-42-XX-10-0**
Hex press-fit in .090±.002 plated through-hole

<table>
<thead>
<tr>
<th>Diameter</th>
<th>Length</th>
</tr>
</thead>
<tbody>
<tr>
<td>.102</td>
<td>.150</td>
</tr>
<tr>
<td>.094</td>
<td>.240</td>
</tr>
</tbody>
</table>

**6342**
**6342-0-15-XX-42-XX-10-0**
Hex press-fit in .090±.002 plated through-hole

<table>
<thead>
<tr>
<th>Diameter</th>
<th>Length</th>
</tr>
</thead>
<tbody>
<tr>
<td>.106</td>
<td>.150</td>
</tr>
<tr>
<td>.084</td>
<td>.240</td>
</tr>
</tbody>
</table>

**6433**
**6433-0-19-XX-42-XX-10-0**
Press-fit in .106 mounting hole
Wire crimp termination. Accepts wire sizes 18 AWG Max. / 22 AWG Min.

Mechanical Data #42 Contact:
Insertion/Extraction Force with a Ø.061 (nominal) pin:

<table>
<thead>
<tr>
<th>First Cycle</th>
<th>2nd &amp; Subsequent Cycles</th>
</tr>
</thead>
<tbody>
<tr>
<td>Insertion Force</td>
<td>Extraction Force</td>
</tr>
<tr>
<td>20N</td>
<td>6N</td>
</tr>
</tbody>
</table>

Compliance Test (the “spring back” characteristic of the contact to accept Ø .059 small pin after insertion of a Ø.063 large pin):

<table>
<thead>
<tr>
<th>Initial Cycle with Ø.059 pin</th>
<th>Second Cycle with Ø.063 pin</th>
<th>Third Cycle with Ø.059 pin</th>
</tr>
</thead>
<tbody>
<tr>
<td>18N</td>
<td>6N</td>
<td>22N</td>
</tr>
</tbody>
</table>

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°

ORDER CODE: XXXX - X - 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:
#03 or #42 CONTACT (DATA ON PAGE 259)
PIN RECEPTACLES

FOR .048” - .064” DIAMETER PINS (#13 CONTACT)
FOR .045” - .065” DIAMETER PINS (#23 CONTACT)

0364
0364-0-15-XX-13-XX-10-0
Solder mount in .100 min. mounting hole
Also available on 16mm wide carrier tape: 1,300 parts per 13” reel
See page 194.17 for Tape & Reel details

0363
0363-0-15-XX-23-XX-10-0
Solder mount in .102 min. mounting hole

0365
0365-0-15-XX-23-XX-10-0
Hex press-fit in .105 plated through-hole
Also available on 16mm wide carrier tape: 1,200 parts per 13” reel
See page 194.18 for Tape & Reel details

0366
0366-0-15-XX-13-XX-10-0
Press-fit in .109 mounting hole

0372
0372-0-15-XX-13-XX-10-0
Solder mount in .102 min. mounting hole
Also available on 24mm wide carrier tape: 950 parts per 13” reel
See page 194.17 for Tape & Reel details

0362
0362-0-15-XX-X3-XX-10-0
Solder mount in .102 min. mounting hole

0367
0367-0-15-XX-23-XX-10-0
Square press-fit in .040 plated through-hole

9324
9324-0-15-XX-23-XX-04-0
Press-fit in .106 mounting hole

0492
0492-0-15-XX-13-XX-04-0
Press-fit in .106 mounting hole

0381
0381-0-15-XX-23-XX-10-0
Press-fit in .104 mounting hole

4034
4034-0-15-XX-23-XX-04-0
Press-fit in .109 mounting hole

3044
3044-0-15-XX-23-XX-04-0
Solder mount in .104 min. mounting hole

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°

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

BASIC PART #

SPECIFY SHELL FINISH:
01 200 μ” TIN/LEAD OVER NICKEL
08 200 μ” TIN OVER NICKEL (RoHS)
15 10 μ” GOLD OVER NICKEL (RoHS)

SPECIFY CONTACT FINISH:
01 200 μ” TIN/LEAD OVER NICKEL
08 200 μ” TIN OVER NICKEL (RoHS)
27 30 μ” 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 .048” - .064” DIAMETER PINS (#13 CONTACT)
FOR .045” - .065” DIAMETER PINS (#23 CONTACT)

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

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

## FOR .048” - .064” DIAMETER PINS (#13 CONTACT)

<table>
<thead>
<tr>
<th>基本编号</th>
<th>密码</th>
<th>描述</th>
<th>图片</th>
</tr>
</thead>
<tbody>
<tr>
<td>8365</td>
<td>8365-0-15-XX-13-XX-10-0</td>
<td>Hex press-fit in .106 plated through-hole</td>
<td><img src="#" alt="图示" /></td>
</tr>
<tr>
<td>8996</td>
<td>8996-0-31-XX-13-XX-04-0</td>
<td>Compliant press-fit in .040 ± .003 plated hole. For .060” - .100” thick board</td>
<td><img src="#" alt="图示" /></td>
</tr>
<tr>
<td>9064</td>
<td>9064-0-15-XX-13-XX-10-0</td>
<td>solder mount in .102 min. mounting hole. Also available on 16mm wide carrier tape: 1,300 parts per 13” reel. See page 194.17 for Tape &amp; Reel details</td>
<td><img src="#" alt="图示" /></td>
</tr>
<tr>
<td>9280</td>
<td>9280-0-15-XX-13-XX-10-0</td>
<td>solder mount in .102 min. mounting hole</td>
<td><img src="#" alt="图示" /></td>
</tr>
</tbody>
</table>

## FOR .045” - .065” DIAMETER PINS (#23 CONTACT)

<table>
<thead>
<tr>
<th>基本编号</th>
<th>密码</th>
<th>描述</th>
<th>图片</th>
</tr>
</thead>
<tbody>
<tr>
<td>8347</td>
<td>8347-0-15-XX-13-XX-10-0</td>
<td>Solder mount in .109 min. mounting hole</td>
<td><img src="#" alt="图示" /></td>
</tr>
<tr>
<td>4900</td>
<td>4900-0-19-XX-23-XX-10-0</td>
<td>Swage mount in .067 hole</td>
<td><img src="#" alt="图示" /></td>
</tr>
<tr>
<td>0716</td>
<td>0716-0-33-XX-23-XX-10-0</td>
<td>Wire crimp termination. Accepts wire sizes 16 AWG Max. / 20 AWG Min.</td>
<td><img src="#" alt="图示" /></td>
</tr>
<tr>
<td>0760</td>
<td>0760-0-18-XX-13-XX-10-0</td>
<td>Press-fit in .106 mounting hole. For wire sizes up to 16 AWG</td>
<td><img src="#" alt="图示" /></td>
</tr>
</tbody>
</table>

## 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 - 0

### BASIC PART #

#### SPECIFY SHELL FINISH:

- **01**: 200μ ”TIN/LEAD OVER NICKEL
- **80**: 200μ ”TIN OVER NICKEL (RoHS)
- **15**: 10μ ”GOLD OVER NICKEL (RoHS)

### SPECIFY CONTACT FINISH:

- **01**: 200μ ”TIN/LEAD OVER NICKEL
- **80**: 200μ ”TIN OVER NICKEL (RoHS)
- **27**: 30μ ”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 .065” - .082” DIAMETER PINS

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°

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

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

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)
PIN RECEPTACLES FOR .065” - .082” DIAMETER PINS

**0395**
0395-X-15-XX-07-XX-10-0
Swage mount in .096 hole

**0714**
0714-0-33-XX-07-XX-10-0
Wire crimp termination. Accepts wire sizes 16 AWG Max. / 20 AWG Min.

**8837**
8837-0-15-XX-14-XX-10-0
Solder mount in .159 min. mounting hole

**9837**
9837-0-15-XX-14-XX-10-0
Solder mount in .159 min. mounting hole

**8994**
8994-0-15-XX-07-XX-04-0
Press-fit in .128 mounting hole

**8016**
8016-0-15-XX-07-XX-10-0
Press-fit in .131 mounting hole

**0350**
0350-0-15-XX-07-XX-10-0
Hex press-fitt in .129±.002 plated through-hole

**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: ± .02°

**ORDER CODE:** XXXX - X - XX - XX - XX - XX - 10 - 0
- **BASIC PART #**
- **SPECIFY SHELL FINISH:**
  - 01 200 μ” TIN/LEAD OVER NICKEL
  - 80 200 μ” TIN OVER NICKEL (RoHS)
  - 10 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 #14 CONTACT (DATA ON PAGE 261)
  - (For alternate contact choices, see group H on page 248)

Select your part and specify the necessary finishes based on your requirements.
PIN RECEPTACLES FOR .084” - .102” DIAMETER PINS

### 0388
- **0388-0-15-XX-08-XX-10-0**
  - Press-fit in .138 mounting hole

### 0390
- **0390-0-15-XX-08-XX-10-0**
  - Solder mount in .144 min. mounting hole
  - Also available on 44mm wide carrier tape: 425 parts per 13” reel
  - See page 194.19 for Tape & Reel details

### 0389
- **0389-X-15-XX-08-XX-10-0**
  - Swage mount in .094 hole

### 8963
- **8963-0-31-XX-08-XX-04-0**
  - Compliant press-fit in .040 ± .003 plated hole. For .060” → .100” 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 .158 mounting hole

### 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°

### ORDER CODE:
- **XXXX - X - XX - XX - 08 - XX - XX - 0**

#### BASIC PART #
- **SPECIFY SHELL FINISH**:
  - **01**: 200 μ” TIN/LEAD OVER NICKEL
  - **08**: 200 μ” TIN OVER NICKEL (RoHS)
  - **15**: 10 μ” GOLD OVER NICKEL (RoHS)

#### SPECIFY CONTACT FINISH:
- **01**: 200 μ” TIN/LEAD OVER NICKEL
- **08**: 200 μ” TIN OVER NICKEL (RoHS)
- **27**: 30 μ” GOLD OVER NICKEL (RoHS)

#### SELECT CONTACT:
- **#08 CONTACT** (DATA ON PAGE 262)
PIN RECEPTACLES

FOR .012” - .017” DIAMETER PINS (#10 CONTACT)
FOR .015” - .020” DIAMETER PINS (#11 CONTACT)

RECEPTACLES ON TAPE & REEL PACKAGING

SPECIFICATIONS:

<table>
<thead>
<tr>
<th>Shell Material:</th>
<th>Brass Alloy 360, 1/2 Hard</th>
</tr>
</thead>
<tbody>
<tr>
<td>Contact Material:</td>
<td>Beryllium Copper Alloy 172, HT</td>
</tr>
<tr>
<td>Dimensions:</td>
<td>Inches</td>
</tr>
<tr>
<td>Tolerances On:</td>
<td>Lengths: ± .005</td>
</tr>
<tr>
<td>Diameters:</td>
<td>± .002</td>
</tr>
<tr>
<td>Angles:</td>
<td>± 2°</td>
</tr>
</tbody>
</table>

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

BASIC PART #

SPECIFY SHELL FINISH:

01 200 µ” TIN/LEAD OVER NICKEL

08 200 µ” TIN OVER NICKEL (RoHS)

15 10 µ” GOLD OVER NICKEL (RoHS)

SPECIFY CONTACT FINISH:

02 100 µ” TIN/LEAD OVER NICKEL

04 100 µ” TIN OVER NICKEL (RoHS)

27 30 µ” 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 .015” - .020” DIAMETER PINS (#11 CONTACT)
FOR .015” - .022” DIAMETER PINS (#21 CONTACT)

RECEPTACLES ON TAPE & REEL PACKAGING

1407
1407-0-57-XX-11-XX-10-0
Solder mount in .040 min. mounting hole
16mm wide X 8mm pitch carrier tape:
1,500 parts per 13” reel.

0569
0569-0-57-XX-11-XX-10-0
Solder mount in .040 min. mounting hole
16mm wide X 8mm pitch carrier tape:
2,000 parts per 13” reel.

0552
0552-X-57-XX-11-XX-10-0
Solder mount in .040 min. mounting hole
16mm wide X 8mm pitch carrier tape:
1,500 parts per 13” reel.

0553
0553-2-57-XX-11-XX-10-0
Hex press-fit in .041 plated through-hole
16mm wide X 8mm pitch carrier tape:
1,580 parts per 13” reel.

8579
8579-X-57-XX-11-XX-10-0
Solder mount in .040 min. mounting hole
24mm wide X 8mm pitch carrier tape:
See chart for Tape & Reel Qtys.

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°

ORDER CODE: XXXX - X - 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:
02 100 µ” TIN/LEAD OVER NICKEL
84 100 µ” TIN OVER NICKEL (RoHS)
27 30 µ” 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 .015” - .022” DIAMETER PINS
RECEPTACLES ON TAPE & REEL PACKAGING

0548
0548-0-57-XX-21-XX-10-0
Solder mount in .036 min. mounting hole
16mm wide X 8mm pitch carrier tape:
1,900 parts per 13” reel.

0566
0566-X-57-XX-21-XX-10-0
Solder mount in .039 min. mounting hole
16mm wide X 8mm pitch carrier tape:
See chart for details.

3016
3016-0-57-XX-21-XX-10-0
Solder mount in .036 min. mounting hole
16mm wide X 8mm pitch carrier tape:
1,900 parts per 13” reel.

8975
8975-0-57-XX-21-XX-10-0
Solder mount in .036 min. mounting hole
24mm wide X 8mm pitch carrier tape:
1,200 parts per 13” reel.

8637
8637-0-57-XX-21-XX-10-0
Solder mount in .037 min. mounting hole
16mm wide X 8mm pitch carrier tape:
2,000 parts per 13” reel.

3016-0-57-XX-21-XX-10-0
Solder mount in .039 min. mounting hole
16mm wide X 8mm pitch carrier tape:
See chart for details.

0554
0554-0-57-XX-21-XX-10-0
Solder mount in .040 min. mounting hole
16mm wide X 8mm pitch carrier tape:
1,850 parts per 13” reel.

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

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°

BASIC PART #
SPECIFY SHELL FINISH:
- 01 200 μ” TIN/LEAD OVER NICKEL
- 08 200 μ” TIN OVER NICKEL (RoHS)
- 15 10 μ” GOLD OVER NICKEL (RoHS)

SPECIFY CONTACT FINISH:
- 02 100 μ” TIN/LEAD OVER NICKEL
- 04 100 μ” TIN OVER NICKEL (RoHS)
- 27 30 μ” GOLD OVER NICKEL (RoHS)

SELECT CONTACT:
#21 CONTACT (DATA ON PAGE 251)
(Contact may be interchanged with group A, B & C contact on page 248)
**PIN RECEPTACLES**

**FOR .015” - .022” DIAMETER PINS**

**RECEPTACLES ON TAPE & REEL PACKAGING**

---

**0550**

*0550-0-57-XX-22-XX-10-0*

Solder mount in .052 min. mounting hole

16mm wide X 8mm pitch carrier tape:

1,700 parts per 13” reel.

---

**5739**

*5739-0-58-XX-12-XX-10-0*

Surface mount

16mm wide X 8mm pitch carrier tape:

3,000 parts per 13” 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°

**ORDER CODE:** XXXX - X - 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:**

- **02** 100 μ” TIN/LEAD OVER NICKEL
- **84** 100 μ” TIN OVER NICKEL (RoHS)
- **27** 30 μ” 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 .015” - .025” DIAMETER PINS
RECEPTACLES ON TAPE & REEL PACKAGING

0669 0669-0-57-XX-30-XX-10-0
Solder mount in .060 min. mounting hole
16mm wide X 8mm pitch carrier tape:
1,700 parts per 13” reel.

0667 0667-0-57-XX-30-XX-10-0
Solder mount in .061 min. mounting hole
16mm wide X 8mm pitch carrier tape:
1,700 parts per 13” reel.

0670 0670-0-57-XX-30-XX-10-0
Solder mount in .060 min. mounting hole
16mm wide X 8mm pitch carrier tape:
2,000 parts per 13” reel.

1401/3185 XXXX-0-57-XX-30-XX-10-0
Solder mount in .055 min. mounting hole
16mm wide X 8mm pitch carrier tape:
1,700 parts per 13” reel.

0665 0665-0-57-XX-30-XX-10-0
Solder mount in .063 min. mounting hole
16mm wide X 8mm pitch carrier tape:
1,580 parts per 13” reel.

0341 0341-0-57-XX-30-XX-10-0
Solder mount in .073 min. mounting hole
12mm wide X 8mm pitch carrier tape:
1,400 parts per 13” 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°

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

SPECIFY SHELL FINISH:
01 200 μ” TIN/LEAD OVER NICKEL
08 200 μ” TIN OVER NICKEL (RoHS)
15 10 μ” GOLD OVER NICKEL (RoHS)

SPECIFY CONTACT FINISH:
02 100 μ” TIN/LEAD OVER NICKEL
04 100 μ” TIN OVER NICKEL (RoHS)
27 30 μ” 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 .015” - .025” DIAMETER PINS
RECEPTACLES ON TAPE & REEL PACKAGING

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 °

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

BASIC PART #
SOLDER MOUNT IN .051 MIN. MOUNTING HOLE
24mm wide x 8mm pitch carrier tape:
1,500 parts per 13” reel.

SOLDER MOUNT IN .055 MIN. MOUNTING HOLE
16mm wide x 8mm pitch carrier tape:
1,700 parts per 13” reel.

SPECIFY SHELL FINISH:
01 200 μ” TIN/LEAD OVER NICKEL
08 200 μ” TIN OVER NICKEL (RoHS)
15 10 μ” GOLD OVER NICKEL (RoHS)

SPECIFY CONTACT FINISH:
02 100 μ” TIN/LEAD OVER NICKEL
08 100 μ” TIN OVER NICKEL (RoHS)
27 30 μ” 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 .015” - .025” DIAMETER PINS
RECEPTACLES ON TAPE & REEL PACKAGING

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°

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

BASIC PART #
SPECIFY SHELL FINISH:
01 200 μ” TIN/LEAD OVER NICKEL
02 100 μ” TIN/LEAD OVER NICKEL
08 200 μ” TIN OVER NICKEL (RoHS)
04 100 μ” TIN OVER NICKEL (RoHS)
15 10 μ” GOLD OVER NICKEL (RoHS)
27 30 μ” 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 .018” - .023” DIAMETER PINS
RECEPTACLES ON TAPE & REEL PACKAGING

**0507**
**0507-0-57-XX-31-XX-10-0**
Solder mount in .042 min. mounting hole
16mm wide X 8mm pitch carrier tape:
3,000 parts per 13” reel.

**0531**
**0531-0-57-XX-31-XX-10-0**
Hex press-fit in .045 plated through-hole
(Top or Bottom entry capable)
16mm wide X 8mm pitch carrier tape:
3,800 parts per 13” 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°

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

**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:**
- #31 CONTACT

(For alternate contact choices, see group A on page 248)
**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°

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

**SPECIFY SHELL FINISH:**
- 01 200 μ" TIN/LEAD OVER NICKEL
- 08 200 μ" TIN OVER NICKEL (RoHS)
- 15 10 μ" GOLD OVER NICKEL (RoHS)

**SPECIFY CONTACT FINISH:**
- 01 200 μ" TIN/LEAD OVER NICKEL
- 08 200 μ" TIN OVER NICKEL (RoHS)
- 27 30 μ" 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 .022” - .032” DIAMETER PINS
RECEPTACLES ON TAPE & REEL PACKAGING

0295
0295-0-57-XX-06-XX-10-0
Solder mount in .063 min. mounting hole
12mm wide X 8mm pitch carrier tape:
1,000 parts per 13” reel.

0294
0294-0-57-XX-06-XX-10-0
Solder mount in .076 min. mounting hole
12mm wide X 8mm pitch carrier tape:
1,400 parts per 13” 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 °

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

BASIC PART #
SPECIFY SHELL FINISH:
01 200 μ” TIN/LEAD OVER NICKEL
08 200 μ” TIN OVER NICKEL (RoHS)
15 10 μ” GOLD OVER NICKEL (RoHS)

SPECIFY CONTACT FINISH:
01 200 μ” TIN/LEAD OVER NICKEL
08 200 μ” TIN OVER NICKEL (RoHS)
27 30 μ” 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 .022” - .034” DIAMETER PINS AND .025” SQUARE PINS
RECEPTACLES ON TAPE & REEL PACKAGING

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°

ORDER CODE: XXXX - X - 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:

#16 CONTACT (DATA ON PAGE 256)

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

**FOR .025” - .037” DIAMETER PINS AND .025” SQUARE PINS**

**RECEPTACLES ON TAPE & REEL PACKAGING**

### 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°

### 0305

**0305-X-57-XX-47-XX-10-0**

Solder mount in .059/.061 mounting hole 8mm wide or 24mm wide X 8mm pitch carrier tape. See chart for details.

<table>
<thead>
<tr>
<th>Basic Part Number</th>
<th>Length L</th>
<th>Dia. D</th>
</tr>
</thead>
<tbody>
<tr>
<td>0305-0</td>
<td>.095</td>
<td>.056</td>
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<tr>
<td>0305-1</td>
<td>.105</td>
<td>.058</td>
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<td>0305-2</td>
<td>.155</td>
<td>.058</td>
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</tbody>
</table>

### T&R Packaging

<table>
<thead>
<tr>
<th>Basic Part Number</th>
<th>Tape Width</th>
<th>Parts per 13” Reel</th>
</tr>
</thead>
<tbody>
<tr>
<td>0305-0</td>
<td>8mm</td>
<td>6,000</td>
</tr>
<tr>
<td>0305-1</td>
<td>8mm</td>
<td>6,000</td>
</tr>
<tr>
<td>0305-2</td>
<td>24mm</td>
<td>1,500</td>
</tr>
</tbody>
</table>

### 7305

**7305-0-57-XX-47-XX-10-0**

Solder mount in .060 min. mounting hole 8mm wide X 8mm pitch carrier tape: 6,000 parts per 13” reel.

### 8806

**8806-0-58-XX-47-XX-10-0**

Surface mount 12mm wide X 8mm pitch carrier tape: 4,000 parts per 13” reel.

**ORDER CODE: XXXX - X - 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:**

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

**ORDER CODE:** XXXX - X - 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:**
- #18 CONTACT (DATA ON PAGE 257)
  (For alternate contact choices, see group L on page 248)
**PIN RECEPTACLES**

**FOR .032" - .046" DIAMETER PINS**

**RECEPTACLES ON TAPE & REEL PACKAGING**

---

**0327/0351/0373**

<table>
<thead>
<tr>
<th>Basic Part Number</th>
<th>Length L</th>
<th>Depth N</th>
</tr>
</thead>
<tbody>
<tr>
<td>0327-0</td>
<td>.206</td>
<td>.180</td>
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<tr>
<td>0351-0</td>
<td>.226</td>
<td>.200</td>
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<tr>
<td>0373-0</td>
<td>.270</td>
<td>.241</td>
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</tbody>
</table>

Solder mount in .075 min. mounting hole 12mm wide or 24mm wide X 8mm pitch carrier tape: See chart for details.

---

**T&R Packaging**

<table>
<thead>
<tr>
<th>Basic Part Number</th>
<th>Tape Width</th>
<th>Parts per 13” Reel</th>
</tr>
</thead>
<tbody>
<tr>
<td>0327-0</td>
<td>12mm</td>
<td>1,400</td>
</tr>
<tr>
<td>0351-0</td>
<td>24mm</td>
<td>1,100</td>
</tr>
<tr>
<td>0373-0</td>
<td>24mm</td>
<td>1,000</td>
</tr>
</tbody>
</table>

---

**8206**

**8206-0-57-XX-34-XX-40-0**

Surface mount, board edge

16mm wide X 8mm pitch carrier tape: Packaged Vertically 1,400 parts per 13” reel.

---

**0340**

**0340-0-57-XX-34-XX-10-0**

Solder mount in .087 min. mounting hole 24mm wide X 8mm pitch carrier tape: 1,250 parts per 13” reel.

---

**0356**

**0356-0-57-XX-34-XX-10-0**

Solder mount in .102 min. mounting hole 24mm wide X 8mm pitch carrier tape: 1,100 parts per 13” 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°

---

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

**BASIC PART #**

**SPECIFY SHELL FINISH:**

- 01 200 μ" TIN/LEAD OVER NICKEL
- 08 200 μ" TIN OVER NICKEL (RoHS)
- 15 10 μ" GOLD OVER NICKEL (RoHS)

**SPECIFY CONTACT FINISH:**

- 01 200 μ" TIN/LEAD OVER NICKEL
- 08 200 μ" TIN OVER NICKEL (RoHS)
- 27 30 μ" 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 .022” - .042” DIAMETER PINS (#36 CONTACT)
FOR .032” - .046” DIAMETER PINS (#34 CONTACT)
RECEPTACLES ON TAPE & REEL PACKAGING

0357
0357-0-57-XX-34-XX-10-0
Press-fit in .078 mounting hole
24mm wide X 8mm pitch carrier tape:
1,400 parts per 13” reel.

0314
0314-0-57-XX-36-XX-10-0
Solder mount in .087 min. mounting hole
16mm wide X 8mm pitch carrier tape:
1,200 parts per 13” 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°

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

BASIC PART #
SPECIFY SHELL FINISH:
01 200 µ” TIN/LEAD OVER NICKEL
08 200 µ” TIN OVER NICKEL (RoHS)
15 10 µ” GOLD OVER NICKEL (RoHS)

SPECIFY CONTACT FINISH:
01 200 µ” TIN/LEAD OVER NICKEL
08 200 µ” TIN OVER NICKEL (RoHS)
27 30 µ” 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 .040” - .050” DIAMETER PINS
RECEPTACLES ON TAPE & REEL PACKAGING

**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°

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

**SPECIFY SHELL FINISH:**
- 01 200 μ" TIN/LEAD OVER NICKEL
- 15 10 μ" GOLD OVER NICKEL (RoHS)
- 80 200 μ" TIN OVER NICKEL (RoHS)
- 27 30 μ" GOLD OVER NICKEL (RoHS)

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

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**9184**
9184-0-57-XX-02-XX-40-0
Bottom entry Surface mount, .092 min. plated through-hole. 12mm wide x 8mm pitch carrier tape: 1,500 parts per 13” reel.

**9222**
9222-2-57-XX-02-XX-40-0
Bottom entry Surface mount, .082 min. plated through-hole. 12mm wide x 8mm pitch carrier tape: 1,500 parts per 13” reel.

**0355**
0355-0-57-XX-02-XX-10-0
Solder mount in .102 min. mounting hole 24mm wide x 12mm pitch carrier tape: 700 parts per 13” reel.
PIN RECEPTACLES

FOR .040” - .060” DIAMETER PINS (#03 CONTACT)
FOR .048” - .064” 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 13” reel.

### 0372
0372-0-57-XX-13-XX-10-0
Solder mount in .102 min. mounting hole
24mm wide X 8mm pitch carrier tape:
950 parts per 13” reel.

### 9064
9064-0-57-XX-13-XX-10-0
Solder mount in .102 min. mounting hole
16mm wide X 8mm pitch carrier tape:
1,300 parts per 13” reel.

### 0435/0436
0435-0436-0-57-XX-03-XX-10-0
Solder mount in .102 min. mounting hole
24mm wide X 8mm pitch carrier tape:
950 parts per 13” 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°

**ORDER CODE:** XXXX - X - 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:**

- #03 or #13 CONTACT (DATA ON PAGE 259 - 260)
PIN RECEPTACLES

FOR .045” - .065” DIAMETER PINS
RECEPTACLES ON TAPE & REEL PACKAGING

9372
9372-0-57-XX-23-XX-10-0
Solder mount in .102 min. mounting hole
16mm wide X 8mm pitch carrier tape:
2,400 parts per 13” reel.

9401
9401-0-57-XX-23-XX-10-0
Solder mount in .102 min. mounting hole
24mm wide X 8mm pitch carrier tape:
1,100 parts per 13” reel.

8829
8829-0-57-XX-23-XX-10-0
Solder mount in .102 min. mounting hole
24mm wide X 8mm pitch carrier tape:
950 parts per 13” reel.

0365
0365-0-57-XX-23-XX-10-0
Hex press-fit in .105 plated through-hole
16mm wide X 8mm pitch carrier tape:
1,200 parts per 13” 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°

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:

#23 CONTACT (DATA ON PAGE 260)
(For alternate contact choices, see group G on page 248)
PIN RECEPTACLES

FOR .065” - .082” DIAMETER PINS (#07 CONTACT)
FOR .084” - .102” DIAMETER PINS (#08 CONTACT)
RECEPTACLES ON TAPE & REEL PACKAGING

0393
0393-0-57-XX-07-XX-10-0
Solder mount in .144 min. mounting hole
32mm wide X 12mm pitch carrier tape:
490 parts per 13” reel.

0390
0390-0-57-XX-08-XX-10-0
Solder mount in .144 min. mounting hole
44mm wide X 12mm pitch carrier tape:
425 parts per 13” 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 °

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

SPECIFY SHELL FINISH:
01 200 μ” TIN/LEAD OVER NICKEL
08 200 μ” TIN OVER NICKEL (RoHS)
15 10 μ” GOLD OVER NICKEL (RoHS)

SPECIFY CONTACT FINISH:
01 200 μ” TIN/LEAD OVER NICKEL
08 200 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
WITH ORGANIC FIBRE PLUG® SOLDER BARRIER
(SEE SPECIFIC CONTACT RANGE ON PAGES 250, 251 & 253)

SPECIFICATIONS:
Shell Material: Brass Alloy 360, 1/2 Hard
Contact Material: Beryllium Copper Alloy 172, HT
Solder Barrier: Organic Fibre Plug®
Dimensions: Inches
Tolerances On: Lengths: ± .005
Diameters: ± .002
Angles: ± 2°

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

BASIC PART #
SPECIFY PACKAGING:
43 Discrete Receptacles
67 Supplied on 13” Reels

SPECIFY SHELL FINISH:
01 200 μ” TIN/LEAD OVER NICKEL
80 200 μ” TIN OVER NICKEL (RoHS)

SPECIFY CONTACT FINISH:
27 30 μ” GOLD OVER NICKEL (RoHS)
02 100 μ” TIN/LEAD OVER NICKEL
84 100 μ” TIN OVER NICKEL (RoHS)

CONTACT:
#04, #10, #15, #16, #21 or #30 CONTACT (DATA ON PAGES 250, 251 & 253)
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 .087” ± .003” PTH
#16 Contact for Ø .032” - .034” pins
16mm wide X 8mm pitch carrier tape:
2,200 parts per 13” reel.

0332 0332-0-67-XX-18-XX-10-0
Solder mount in Ø .079” ± .003” PTH
#18 Contact for Ø .037” - .043” pins
16mm wide X 8mm pitch carrier tape:
2,200 parts per 13” reel.

0479 0479-0-67-XX-34-XX-10-0
Solder mount in Ø .077” ± .003” PTH
#34 Contact for Ø .032” - .046” pins
16mm wide X 8mm pitch carrier tape:
2,200 parts per 13” reel.

0375 0375-0-67-XX-02-XX-10-0
Solder mount in Ø .087” ± .003” PTH
#02 Contact for Ø .040” - .050” pins
12mm wide X 8mm pitch carrier tape:
4,500 parts per 13” reel.

0384 0384-0-67-XX-23-XX-10-0
Solder mount in Ø .105” ± .003” PTH
#23 Contact for Ø .045” - .065” pins
12mm wide X 8mm pitch carrier tape:
2,000 parts per 13” reel.

0353 0353-0-67-XX-03-XX-10-0
Solder mount in Ø .106” ± .003” PTH
#03 Contact for Ø .040” - .060” pins
12mm wide X 8mm pitch carrier tape:
1,300 parts per 13” reel.

SPECIFICATIONS:
Shell Material: Brass Alloy 360, 1/2 Hard
Contact Material: Beryllium Copper Alloy 172, HT
Solder Barrier: Organic Fibre Plug®
Dimensions: Inches
Tolerances On: Lengths: ± .005
Diameters: ± .002
Angles: ± 2°

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

SPECIFY PACKAGING:
43 Discrete Receptacles
67 Supplied on 13” Reels

SPECIFY SHELL FINISH:
01 200 µ” TIN/LEAD OVER NICKEL
80 200 µ” TIN OVER NICKEL (RoHS)

SPECIFY CONTACT FINISH:
27 30 µ” GOLD OVER NICKEL (RoHS)
02 100 µ” TIN/LEAD OVER NICKEL
80 200 µ” TIN OVER NICKEL (RoHS)

CONTACT:
#02, #03, #16, #18, #23, or #34 CONTACT (DATA ON PAGES 254 - 262)
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 .144” ± .003” PTH
#08 Contact for Ø .084” - .102” pins
16mm wide X 8mm pitch carrier tape:
1,700 parts per 13” reel.

0376
0376-0-67-XX-07-XX-10-0
Solder mount in Ø .133” ± .003” PTH
#07 Contact for Ø .095” - .082” pins
16mm wide X 8mm pitch carrier tape:
1,500 parts per 13” reel.

3435
3435-0-67-XX-47-XX-04-0
Solder mount in Ø .046” ± .003” PTH
#47 Contact for Ø .025” - .037” and .025” square pins. 24mm wide X 8mm pitch carrier tape:
1,400 parts per 13” reel.

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

BASIC PART #
SPECIFY PACKAGING:
43 Discrete Receptacles
67 Supplied on 13” Reels

SPECIFY SHELL FINISH:
01 200 μ” TIN/LEAD OVER NICKEL
80 200 μ” TIN OVER NICKEL (RoHS)

SPECIFY CONTACT FINISH:
27 30 μ” GOLD OVER NICKEL (RoHS)
02 100 μ” TIN/LEAD OVER NICKEL
84 100 μ” TIN OVER NICKEL (RoHS)

CONTACT: #07, #08 or #47 CONTACT (DATA ON PAGES 256-262)

SPECIFICATIONS:
Shell Material: Brass Alloy 360, 1/2 Hard
Contact Material: Beryllium Copper Alloy 172, HT
Solder Barrier: Organic Fibre Plug®
Dimensions: Inches
Tolerances On:
Lengths: ± .005
Diameters: ± .002
Angles: ± 2 °

RoHS-2 2011/65/EU
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 .008” - .102” (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 13”. 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.
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 refloved 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.

**SPECIFICATIONS:**
- Shell Material: Brass Alloy 360, 1/2 Hard
- Contact Material: Beryllium Copper Alloy 172, HT
- Solder Barrier: Organic Fibre Plug®
- Dimensions: Inches
- Tolerances On: Lengths: ± .005
  - Diameters: ± .002
  - Angles: ± 2°

**ORDER CODE:** XXXX - 0 - XX - XX - XX - XX - 0

**SPECIFY PACKAGING:**
- 43 Discrete Receptacles
- 67 Supplied on 13” Reels

**SPECIFY SHELL FINISH:**
- 01 200 μ” TIN/LEAD OVER NICKEL
- 80 200 μ” TIN OVER NICKEL (RoHS)

**SPECIFY CONTACT FINISH:**
- 27 30 μ” GOLD OVER NICKEL (RoHS)
- 02 100 μ” TIN/LEAD OVER NICKEL
- 84 100 μ” TIN OVER NICKEL (RoHS)

**CONTACT:**
- #04, #10, #21 or #30 (CONTACT DATA ON PAGES 250, 251 & 253)
### PIN RECEPTACLES

**WITH ORGANIC FIBRE PLUG® SOLDER BARRIER**

*(SEE SPECIFIC CONTACT RANGE ON PAGES 254 - 262)*

<table>
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<td>02</td>
<td>100 µ&quot; TIN/LEAD OVER NICKEL (RoHS)</td>
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**SPECIFICATIONS:**

- **Shell Material:** Brass Alloy 360, 1/2 Hard
- **Contact Material:** Beryllium Copper Alloy 172, HT
- **Solder Barrier:** Organic Fibre Plug®
- **Dimensions:** Inches
- **Tolerances On:** Lengths: ± 0.005
  - Diameters: ± 0.002
  - Angles: ± 2°

**ORDER CODE:** XXXX - 0 - XX - XX - XX - XX - XX - 0

**BASIC PART #**

- **SPECIFY SHELL FINISH:**
  - 01 200 µ" TIN/LEAD OVER NICKEL
  - 02 100 µ" TIN/LEAD OVER NICKEL (RoHS)
  - 03 100 µ" TIN OVER NICKEL

**SPECIFY PACKAGING:**

- 43 Discrete Receptacles
- 67 Supplied on 13" Reels

**SPECIFY SHELL FINISH:**

- 01 200 µ" TIN/LEAD OVER NICKEL
- 02 100 µ" TIN/LEAD OVER NICKEL (RoHS)
- 03 100 µ" TIN OVER NICKEL

**CONTACT:**

- #02, #07, #08, #15, #16, #18, #23, #34 or #47 CONTACT (DATA ON PAGES 254 - 262)

---

**SPECIFICATIONS:**

- **Shell Material:** Brass Alloy 360, 1/2 Hard
- **Contact Material:** Beryllium Copper Alloy 172, HT
- **Solder Barrier:** Organic Fibre Plug®
- **Dimensions:** Inches
- **Tolerances On:** Lengths: ± 0.005
  - Diameters: ± 0.002
  - Angles: ± 2°
PIN RECEPTACLES

ZERO PROFILE SOLDERLESS PRESS-FIT RECEPTACLES
(SEE SPECIFIC CONTACT RANGE ON PAGES 250 - 260)

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 °

ORDER CODE: 06XX - X - 15 - XX - XX - 10 - 0

BASIC PART #
SPECIFY SHELL FINISH:
- 15 10 μ" GOLD OVER NICKEL (RoHS)

SPECIFY CONTACT FINISH:
- 27 30 μ" 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)
**WRAPPOST RECEPTACLES**

FOR .015" - .025” DIAMETER PINS

### 1702/1703
170XX-X-15-XX-3X-XX-02-0
Press-fit in .057 mounting hole

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### 0038 → 0040/0066 → 0068
00XX-X-17-XX-3X-XX-02-0
Press-fit in .057 mounting hole

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### 0086/0088/0089
008XX-X-17-XX-3X-XX-02-0
Press-fit in .057 mounting hole

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### 1030 → 1036
103XX-X-17-XX-3X-XX-02-0
Press-fit in .057 mounting hole

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### 1045
1045-3-17-XX-3X-XX-02-0
Press-fit in .043 mounting hole

### 1040
1040-3-17-XX-3X-XX-02-0
Press-fit in .056 mounting hole

### 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°

### ORDER CODE:
**XXXX - X - 17 - XX - XX - 02 - 0**

### BASIC PART #
**SPECIFY SHELL FINISH:**
- 01 200 µ" TIN/LEAD OVER NICKEL
- 08 200 µ" TIN OVER NICKEL (RoHS)
- 15 10 µ" GOLD OVER NICKEL (RoHS)

**SPECIFY CONTACT FINISH:**
- 02 100 µ" TIN/LEAD OVER NICKEL
- 84 100 µ" TIN OVER NICKEL (RoHS)
- 27 30 µ" 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)
WRAPPOST RECEPTACLES
FOR .015” - .025” DIAMETER PINS

0444
0444-X-17-XX-30-XX-02-0
Press-fit in .056 mounting hole

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<td>0444-3</td>
<td>3</td>
<td>.505</td>
</tr>
</tbody>
</table>

2601➔2603
260X-0-17-XX-30-XX-02-0
Press-fit in .057 mounting hole

<table>
<thead>
<tr>
<th>Basic Part Number</th>
<th># of Wraps</th>
<th>Length</th>
</tr>
</thead>
<tbody>
<tr>
<td>2601-0</td>
<td>1</td>
<td>.232</td>
</tr>
<tr>
<td>2602-0</td>
<td>2</td>
<td>.350</td>
</tr>
<tr>
<td>2603-0</td>
<td>3</td>
<td>.468</td>
</tr>
</tbody>
</table>

0445
0445-3-17-XX-30-XX-02-0
Press-fit in .056 mounting hole

1047
1047-3-17-XX-30-XX-02-0
Press-fit in .056 mounting hole

ORDER CODE: XXXX - X - 17 - XX - 30 - XX - 02 - 0

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°

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

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:
02 100 μ” TIN/LEAD OVER NICKEL
84 100 μ” TIN OVER NICKEL (RoHS)
27 30 μ” GOLD OVER NICKEL (RoHS)
WRAPPOST RECEPTACLES

FOR .022” - .032” DIAMETER PINS (#06 CONTACT)
FOR .022” - .034” DIAMETER PINS (#16 CONTACT)

**2297**

2297-X-17-XX-16-XX-02-0
Press-fit in .067 mounting hole

<table>
<thead>
<tr>
<th>Basic Part Number</th>
<th># of Wraps</th>
<th>Length</th>
</tr>
</thead>
<tbody>
<tr>
<td>2297-2</td>
<td>2</td>
<td>.370</td>
</tr>
<tr>
<td>2297-3</td>
<td>3</td>
<td>.430</td>
</tr>
</tbody>
</table>

**0280**

0280-X-17-XX-06-XX-02-0
Press-fit in .081 mounting hole

<table>
<thead>
<tr>
<th>Basic Part Number</th>
<th># of Wraps</th>
<th>Length</th>
</tr>
</thead>
<tbody>
<tr>
<td>0280-2</td>
<td>2</td>
<td>.360</td>
</tr>
<tr>
<td>0280-3</td>
<td>3</td>
<td>.510</td>
</tr>
</tbody>
</table>

**0281**

0281-3-17-XX-06-XX-02-0
Press-fit in .080 mounting hole

**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°

**ORDER CODE:** XXXX - X - 17 - XX - XX - 02 - 0

**BASIC PART #**

**SPECIFY SHELL FINISH:**
- 01 200 μ” TIN/LEAD OVER NICKEL
- 08 200 μ” TIN OVER NICKEL (RoHS)
- 15 10 μ” GOLD OVER NICKEL (RoHS)

**SPECIFY CONTACT FINISH:**
- 01 200 μ” TIN/LEAD OVER NICKEL
- 08 200 μ” TIN OVER NICKEL (RoHS)
- 27 30 μ” 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)
WRAPPOST RECEPTACLES
FOR .032” - .046” DIAMETER PINS

**1052/1053**
105X-X-17-XX-34-XX-02-0
Press-fit in .083 mounting hole

<table>
<thead>
<tr>
<th>Basic Part Number</th>
<th># of Wraps</th>
<th>Length A</th>
</tr>
</thead>
<tbody>
<tr>
<td>1053-2</td>
<td>2</td>
<td>.360</td>
</tr>
<tr>
<td>1052-3</td>
<td>3</td>
<td>.515</td>
</tr>
</tbody>
</table>

**0383**
0383-X-17-XX-34-XX-02-0
Swage mount in .094 hole

<table>
<thead>
<tr>
<th>Basic Part Number</th>
<th>Board Thickness</th>
<th>Length V</th>
</tr>
</thead>
<tbody>
<tr>
<td>0383-1</td>
<td>.062</td>
<td>.094</td>
</tr>
<tr>
<td>0383-2</td>
<td>.094</td>
<td>.125</td>
</tr>
<tr>
<td>0383-3</td>
<td>.125</td>
<td>.156</td>
</tr>
</tbody>
</table>

**0382**
0382-3-17-XX-34-XX-02-0
Press-fit in .089 mounting hole

**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 °

**ORDER CODE:** XXXX - X - 17 - XX - 34 - XX - 02 - 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:**
#34 CONTACT (DATA ON PAGE 258)
(For alternate contact choices, see group E on page 248)