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

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

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

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

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

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

Mill-Max will gladly quote application specific products. Please complete the specification sheet on page 247 or send us your own drawings. We assure you a fast response.
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 0.20 - 0.33 DIAMETER PINS (#04 CONTACT) AND 0.30 - 0.43 DIAMETER PINS (#10 CONTACT) (SEE SPECIFIC CONTACT RANGE ON PAGE 250)**

#### 8210

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

- Press-fit in 0.61/0.68 stepped hole

#### 0439

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

- Press-fit in 0.64 mounting hole

#### 4518

**4518-0-15-15-04-27-04-0**

- Press-fit in 0.64 mounting hole

#### X464

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

- Solder mount in 0.41 min. mounting hole

#### 9225

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

- Press-fit in 1.0 mounting hole

#### 8225

**8225-0-15-XX-10-XX-10-0**

- Hex press-fit in 1.07 plated through-hole

#### 4993

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

- Compliant press-fit in 1.04 - 1.12 Dia. mounting hole

#### 0529

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

- Solder mount in 1.02 min. mounting hole

---

**Specifications:**

- **Shell Material:** Brass Alloy 360, 1/2 Hard
- **Contact Material:** Beryllium Copper Alloy 172, HT
- **Dimensions:** Millimeters
- **Tolerances On:** Lengths: ±0.13, Diameters: ±0.051, Angles: ±2°

---

**Order Code:** XXXX - X - XX - XX - XX - XX - 0

**Basic Part #**

**Specify Shell Finish:**

- 01 5.08μm TIN/LEAD OVER NICKEL
- 08 5.08μm TIN OVER NICKEL (RoHS)
- 15 0.25μm GOLD OVER NICKEL (RoHS)

**Specify Contact Finish:**

- 02 2.54μm TIN/LEAD OVER NICKEL
- 84 2.54μm TIN OVER NICKEL (RoHS)
- 27 0.76μm GOLD OVER NICKEL (RoHS)

**Select Contact:**

- #04 or #10 CONTACT (DATA ON PAGE 250) (CONTACTS #04 & #10 NOT INTERCHANGEABLE)
PIN RECEPTACLES
FOR 0.38 - 0.51 DIAMETER PINS (#11 CONTACT) AND 0.38 - 0.56 DIAMETER PINS (#21 CONTACT) (SEE SPECIFIC CONTACT RANGE ON PAGE 251)

<table>
<thead>
<tr>
<th>PIN NUMBER</th>
<th>ORDER CODE</th>
<th>SHELL MATERIAL</th>
<th>ORDER CODE</th>
<th>SHELL MATERIAL</th>
</tr>
</thead>
<tbody>
<tr>
<td>0548</td>
<td>0548-0-15-XX-21-XX-10-0</td>
<td>Brass Alloy 360, 1/2 Hard</td>
<td>8975</td>
<td>8975-0-15-XX-21-XX-10-0</td>
</tr>
</tbody>
</table>

SPECIFICATIONS:
- Shell Material: Brass Alloy 360, 1/2 Hard
- Contact Material: Beryllium Copper Alloy 172, HT
- Dimensions: Millimeters
- Tolerances On: Lengths: ±0.13
  Diameters: ±0.051
  Angles: ±2°

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

BASIC PART #
SOLDER MOUNT IN 0.91 MIN. MOUNTING HOLE
ALSO AVAILABLE ON 16MM WIDE CARRIER TAPE:
1,900 PARTS PER 330MM REEL
SEE PAGE 194.3 FOR TAPE & REEL DETAILS

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

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

SPECIFY CONTACT FINISH:
- 02 2,54μm TIN/LEAD OVER NICKEL
- 04 2,54μm TIN OVER NICKEL (RoHS)
- 27 0,76μm GOLD OVER NICKEL (RoHS)
PIN RECEPTACLES

FOR 0.38 - 0.46 DIAMETER PINS (#09 CONTACT)
FOR 0.38 - 0.51 DIAMETER PINS (#11 CONTACT)
AND 0.38 - 0.56 DIAMETER PINS (#21 CONTACT)

**SPECIFICATIONS:**

- **Shell Material:** Brass Alloy 360, 1/2 Hard
- **Contact Material:** Beryllium Copper Alloy 172, HT
- **Dimensions:** Millimeters
- **Tolerances On:** Lengths: ± 0.13
  Diameters: ± 0.051
  Angles: ± 2°

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

**BASIC PART #**

**SPECIFY SHELL FINISH:**

- 01 5.08μm TIN/LEAD OVER NICKEL
- 05 5.08μm TIN OVER NICKEL (RoHS)
- 15 0.25μm GOLD OVER NICKEL (RoHS)

**SPECIFY CONTACT FINISH:**

- 02 2.54μm TIN/LEAD OVER NICKEL
- 04 2.54μm TIN OVER NICKEL (RoHS)
- 27 0.76μm GOLD OVER NICKEL (RoHS)

**SELECT CONTACT:**

- #09, #11 or #21 (DATA ON PAGES 250 & 251)
  (For alternate contact choices, see group A on page 248)
**PIN RECEPTACLES**

For 0.38 - 0.51 diameter pins (#11 Contact) and 0.38 - 0.56 diameter pins (#21 Contact) (see specific contact range on page 251)

**SPECIFICATIONS:**
- **Shell Material**: Brass Alloy 360, 1/2 Hard
- **Contact Material**: Beryllium Copper Alloy 172, HT
- **Dimensions**: Millimeters
- **Tolerances On**: Lengths: ± 0.13, Diameters: ± 0.051, Angles: ± 2°

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

**BASIC PART #**

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

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

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

For 0.38 - 0.51 Diameter Pins (#11 Contact) and 0.38 - 0.56 Diameter Pins (#21 Contact) (see specific contact range on page 251)

<table>
<thead>
<tr>
<th>Model</th>
<th>Description</th>
<th>Dimensions</th>
<th>Tolerances On</th>
</tr>
</thead>
<tbody>
<tr>
<td>8467</td>
<td>Hex press-fit in 0.91 plated through-hole</td>
<td>± 0.13 mm</td>
<td>± 0.051 mm</td>
</tr>
<tr>
<td>6192</td>
<td>Square press-fit in 0.81 plated through-hole</td>
<td>± 0.13 mm</td>
<td>± 0.051 mm</td>
</tr>
<tr>
<td>5953</td>
<td>Hex press-fit in 1.04 plated through-hole</td>
<td>± 0.13 mm</td>
<td>± 0.051 mm</td>
</tr>
<tr>
<td>5531</td>
<td>Hex press-fit in 1.04 plated through-hole</td>
<td>± 0.13 mm</td>
<td>± 0.051 mm</td>
</tr>
<tr>
<td>7553</td>
<td>Hex press-fit in 1.04 plated through-hole</td>
<td>± 0.13 mm</td>
<td>± 0.051 mm</td>
</tr>
<tr>
<td>9407</td>
<td>Solder mount in 1.02 min. mounting hole</td>
<td>± 0.13 mm</td>
<td>± 0.051 mm</td>
</tr>
<tr>
<td>9462</td>
<td>Hex press-fit in 1.09 plated through-hole</td>
<td>± 0.13 mm</td>
<td>± 0.051 mm</td>
</tr>
<tr>
<td>1147</td>
<td>Press-fit in 1.09 min. mounting hole</td>
<td>± 0.13 mm</td>
<td>± 0.051 mm</td>
</tr>
<tr>
<td>3061</td>
<td>Wire Crimp Termination. Accepts wire sizes 28 AWG Max. / 32 AWG Min.</td>
<td>± 0.13 mm</td>
<td>± 0.051 mm</td>
</tr>
<tr>
<td>0579</td>
<td>Press-fit in 1.02 mounting hole</td>
<td>± 0.13 mm</td>
<td>± 0.051 mm</td>
</tr>
<tr>
<td>8874</td>
<td>Bottom entry surface mount</td>
<td>± 0.13 mm</td>
<td>± 0.051 mm</td>
</tr>
<tr>
<td>0613</td>
<td>Press-fit in 1.19 mounting hole</td>
<td>± 0.13 mm</td>
<td>± 0.051 mm</td>
</tr>
</tbody>
</table>

### SPECIFICATIONS:
- **Shell Material:** Brass Alloy 360, 1/2 Hard
- **Contact Material:** Beryllium Copper Alloy 172, HT
- **Dimensions:** Millimeters
- **Tolerances On:** Lengths: ± 0.13, Diameters: ± 0.051, Angles: ± 2°

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

**SPECIFY SHELL FINISH:**
- **01** 5.08μm Tin/Lead over Nickel
- **08** 5.08μm Tin over Nickel (RoHS)
- **15** 0.25μm Gold over Nickel (RoHS)

**SPECIFY CONTACT FINISH:**
- **02** 2.54μm Tin/Lead over Nickel
- **04** 2.54μm Tin over Nickel (RoHS)
- **07** 0.76μm Gold over Nickel (RoHS)

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

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

**SPECIFICATIONS:**
- **Shell Material:** Brass Alloy 360, 1/2 Hard
- **Contact Material:** Beryllium Copper Alloy 172, HT
- **Dimensions:** Millimeters
- **Tolerances On:**
  - Lengths: ± 0,13
  - Diameters: ± 0,051
  - Angles: ± 2 °

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

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

**SPECIFY CONTACT FINISH:**
- 02 2,54μm TIN/LEAD OVER NICKEL
- 04 2,54μm TIN OVER NICKEL (RoHS)
- 27 0,76μm GOLD OVER NICKEL (RoHS)

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

**Shell Material:** Brass Alloy 360, 1/2 Hard

**Contact Material:** Beryllium Copper Alloy 172, HT

**Dimensions:** Millimeters

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

**Order Code:** XXXX - X - XX - XX - 05 - XX - 10 - 0

**Solder Mount in 1,3 min. mounting hole**

**Basic Part #**

<table>
<thead>
<tr>
<th>SHELL FINISH</th>
<th>CONTACT FINISH</th>
<th>SELECT CONTACT</th>
</tr>
</thead>
<tbody>
<tr>
<td>01 5,08μm TIN/LEAD OVER NICKEL</td>
<td>02 2,54μm TIN/LEAD OVER NICKEL</td>
<td>#05 CONTACT (DATA ON PAGE 251)</td>
</tr>
<tr>
<td>80 5,08μm TIN OVER NICKEL (RoHS)</td>
<td>84 2,54μm TIN OVER NICKEL (RoHS)</td>
<td>(For alternate contact choices, see group A on page 248)</td>
</tr>
<tr>
<td>15 0,25μm GOLD OVER NICKEL (RoHS)</td>
<td>27 0,76μm GOLD OVER NICKEL (RoHS)</td>
<td>(For alternate contact choices, see group A on page 248)</td>
</tr>
</tbody>
</table>

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

Solder mount in 1,3 min. mounting hole
## PIN RECEPTACLES

### FOR 0.38 - 0.56 DIAMETER PINS

<table>
<thead>
<tr>
<th>Part Number</th>
<th>Description</th>
<th>Specifications</th>
</tr>
</thead>
<tbody>
<tr>
<td>0512</td>
<td>0512-0-15-XX-12-XX-04-0</td>
<td>Press-fit in 1.45 mounting hole</td>
</tr>
<tr>
<td>0703</td>
<td>0703-0-15-XX-12-XX-04-0</td>
<td>Press-fit in 1.45 mounting hole</td>
</tr>
<tr>
<td>0574</td>
<td>0574-0-15-XX-12-XX-04-0</td>
<td>Press-fit in 1.45 mounting hole</td>
</tr>
<tr>
<td>0468</td>
<td>0468-0-15-XX-12-XX-04-0</td>
<td>Press-fit in 1.45 mounting hole</td>
</tr>
<tr>
<td>0574</td>
<td>0574-0-15-XX-12-XX-04-0</td>
<td>Press-fit in 1.45 mounting hole</td>
</tr>
<tr>
<td>0671</td>
<td>0671-0-15-XX-12-XX-10-0</td>
<td>Solder mount in 1.32 min. mounting hole</td>
</tr>
<tr>
<td>0707</td>
<td>0707-0-15-XX-12-XX-10-0</td>
<td>Solder mount in 1.3 min. mounting hole</td>
</tr>
<tr>
<td>8894</td>
<td>8894-0-15-XX-12-XX-10-0</td>
<td>Hex press-fit in 1.5 plated through-hole</td>
</tr>
<tr>
<td>0550</td>
<td>0550-0-15-XX-22-XX-10-0</td>
<td>Solder mount in 1.32 min. mounting hole</td>
</tr>
<tr>
<td>1534</td>
<td>1534-X-15-XX-12-XX-04-0</td>
<td>Press-fit in 1.42 mounting hole</td>
</tr>
</tbody>
</table>

### SPECIFICATIONS:

- **Shell Material:** Brass Alloy 360, 1/2 Hard
- **Contact Material:** Beryllium Copper Alloy 172, HT
- **Dimensions:** Millimeters
- **Tolerances On:**
  - Lengths: ±0.13
  - Diameters: ±0.051
  - Angles: ±2°

### ORDER CODE:

`XXXX - X - XX - XX - XXX - XX - 0`

- **Basic Part Number:**
  - 1534-0: 2.41
  - 1534-1: 3.18

### SELECT CONTACT:

- **BASIC PART #**
- **SPECIFY SHELL FINISH:**
  - 01: 5.08μm TIN/LEAD OVER NICKEL
  - 08: 5.08μm TIN OVER NICKEL (RoHS)
  - 15: 0.25μm GOLD OVER NICKEL (RoHS)
- **SPECIFY CONTACT FINISH:**
  - 02: 2.54μm TIN/LEAD OVER NICKEL
  - 04: 2.54μm TIN OVER NICKEL (RoHS)
  - 27: 0.76μm GOLD OVER NICKEL (RoHS)

**Rohs - 2 2011/85 EU**

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

FOR 0.38 - 0.56 DIAMETER PINS

9900
9900-0-15-XX-22-XX-04-0
Press-fit in 1.42 mounting hole

SPECIFICATIONS:
Shell Material: Brass Alloy 360, 1/2 Hard
Contact Material: Beryllium Copper Alloy 172, HT
Dimensions: Millimeters
Tolerances On: Lengths: ±0.13
Diameters: ±0.051
Angles: ±2°

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

BASIC PART #
SPECIFY SHELL FINISH:
01 5.08µm TIN/LEAD OVER NICKEL
80 5.08µm TIN OVER NICKEL (RoHS)
15 0.25µm GOLD OVER NICKEL (RoHS)

SPECIFY CONTACT FINISH:
02 2.54µm TIN/LEAD OVER NICKEL
84 2.54µm TIN OVER NICKEL (RoHS)
27 0.76µm GOLD OVER NICKEL (RoHS)

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

**FOR 0.38 - 0.64 DIAMETER PINS**

### 5970

**5970-X-15-XX-32-XX-04-0**

- **5970-X-15-XX-32-XX-04-0**
  - Square press-fit for 0.81 or 1.0 ± 0.05 plated through-hole (use 1.1mm drill prior to plating)

### 0477/0478

**0477/0478**

- **0477/0478**
  - Solderless press-fit in 0.97 +0.08 / -0.05 plated through-hole

### 4612

**4612-0-31-XX-30-XX-04-0**

- **4612-0-31-XX-30-XX-04-0**
  - Compliant press-fit in 1.02 ± 0.08 plated through-hole. For 1.52 → 2.54 thick board

### 4613

**4613-0-31-XX-30-XX-04-0**

- **4613-0-31-XX-30-XX-04-0**
  - Compliant press-fit in 1.02 ± 0.08 plated through-hole. For 2.29 → 3.30 thick board

### 0680

**0680-0-15-XX-32-XX-04-0**

- **0680-0-15-XX-32-XX-04-0**
  - Solder mount in 1.3 min. mounting hole

### 0149

**0149-0-15-XX-30-XX-04-0**

- **0149-0-15-XX-30-XX-04-0**
  - Press-fit in 1.5 mounting hole

### SPECIFICATIONS:

- **Shell Material:** Brass Alloy 360, 1/2 Hard
- **Contact Material:** Beryllium Copper Alloy 172, HT
- **Dimensions:** Millimeters
- **Tolerances On:**
  - Lengths: ± 0.13
  - Diameters: ± 0.051
  - Angles: ± 2°

### SELECT CONTACT:

- **#30 or #32**
- **Contact (DATA ON PAGE 253)**

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

- **BASIC PART #**
- **SPECIFY SHELL FINISH:**
  - 01 5.08μm TIN/LEAD OVER NICKEL
  - 80 5.08μm TIN OVER NICKEL (RoHS)
  - 15 0.25μm GOLD OVER NICKEL (RoHS)

- **SPECIFY CONTACT FINISH:**
  - 02 2.54μm TIN/LEAD OVER NICKEL
  - 84 2.54μm TIN OVER NICKEL (RoHS)
  - 27 0.76μm GOLD OVER NICKEL (RoHS)

### PAGE 162 | PIN RECEPTABLES
FOR 0.38 - 0.64 DIAMETER PINS

**SPECIFICATIONS:**

- **Shell Material:** Brass Alloy 360, 1/2 Hard
- **Contact Material:** Beryllium Copper Alloy 172, HT
- **Dimensions:** Millimeters
- **Tolerances On:**
  - Lengths: ± 0.13
  - Diameters: ± 0.051
  - Angles: ± 2°

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

**BASIC PART #**

**SPECIFY SHELL FINISH:**

- 01 5.08μm TIN/LEAD OVER NICKEL
- 05 5.08μm TIN OVER NICKEL (RoHS)
- 15 0.25μm GOLD OVER NICKEL (RoHS)

**SPECIFY CONTACT FINISH:**

- 02 2.54μm TIN/LEAD OVER NICKEL
- 84 2.54μm TIN OVER NICKEL (RoHS)
- 27 0.76μm GOLD OVER NICKEL (RoHS)

**SELECT CONTACT:**

- #30 CONTACT

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

FOR 0.38 - 0.64 DIAMETER PINS

0660
0660-0-15-XX-30-XX-10-0
Solder mount in 1.3 min. mounting hole
Also available on 24mm wide carrier tape:
1,500 parts per 330mm reel
See page 194.6 for Tape & Reel details

0677
0677-0-15-XX-30-XX-10-0
Solder mount in 1.3 min. mounting hole
Also available on 16mm wide carrier tape:
1,200 parts per 330mm reel
See page 194.6 for Tape & Reel details

0555
0555-0-15-XX-32-XX-10-0
Solder mount in 1.35 min. mounting hole
Also available on 16mm wide carrier tape:
1,800 parts per 330mm reel
See page 194.7 for Tape & Reel details

0558
0558-0-15-XX-30-XX-10-0
Solder mount in 1.55 min. mounting hole

0675/0679
067X-0-15-XX-30-XX-10-0
Solder mount in 1.37 min. mounting hole

0682
0682-0-15-XX-32-XX-10-0
Solder mount in 1.42 min. mounting hole
Also available on 16mm wide carrier tape:
1,580 parts per 330mm reel
See page 194.5 for Tape & Reel details

1065/1066/7065
X06X-0-15-XX-30-XX-10-0
Solder mount in 1.4 min. mounting hole
P/N 1066-0 also available on 16mm wide carrier tape:
1,700 parts per 330mm reel
See page 194.6 for Tape & Reel details

0682-0-15-XX-32-XX-10-0
Solder mount in 1.42 min. mounting hole
Also available on 16mm wide carrier tape:
1,580 parts per 330mm reel
See page 194.5 for Tape & Reel details

1065-0
1066-0
7065-0

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

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

SPECIFICATIONS:

Shell Material: Brass Alloy 360, 1/2 Hard
Contact Material: Beryllium Copper Alloy 172, HT
Dimensions: Millimeters
Tolerances On:
- Lengths: ± 0.13
- Diameters: ± 0.051
- Angles: ± 2°

SELECT CONTACT FINISH:
02 2,54µm TIN/LEAD OVER NICKEL
08 5,08µm TIN OVER NICKEL (RoHS)
15 0.25µm GOLD OVER NICKEL (RoHS)
27 0.76µm GOLD OVER NICKEL (RoHS)

BASIC PART #
SPECIFY SHELL FINISH:
01 5,08µm TIN/LEAD OVER NICKEL
80 5,08µm TIN OVER NICKEL (RoHS)
10 0,25µm GOLD OVER NICKEL (RoHS)

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

FOR 0.38 - 0.64 DIAMETER PINS

0669
0669-0-15-XX-30-XX-10-0
Solder mount in 1.52 min. mounting hole
Also available on 16mm wide carrier tape: 1,700 parts per 330mm reel
See page 194.5 for Tape & Reel details

0670
0670-0-15-XX-30-XX-10-0
Solder mount in 1.52 min. mounting hole
Also available on 16mm wide carrier tape: 2,000 parts per 330mm reel
See page 194.5 for Tape & Reel details

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

0666
0666-0-15-XX-32-XX-10-0
Solder mount in 1.63 min. mounting hole
Also available on 16mm wide carrier tape: 2,000 parts per 330mm reel
See page 194.7 for Tape & Reel details

0341
0341-0-15-XX-30-XX-10-0
Solder mount in 1.85 mounting hole
Also available on 12mm wide carrier tape: 1,400 parts per 330mm reel
See page 194.5 for Tape & Reel details

0252
0252-0-15-XX-32-XX-10-0
Hex press-fit in 1.45 plated through-hole

0678
0678-0-15-XX-32-XX-10-0
Press-fit in 1.45 mounting hole

0676
0676-0-15-XX-30-XX-10-0
Press-fit in 1.45 mounting hole

0697
0697-0-15-XX-30-XX-10-0
Press-fit in 1.45 mounting hole

0668
0668-0-15-XX-30-XX-10-0
Press-fit in 1.45 mounting hole

0253/1033
XXX3-0-15-XX-30-XX-10-0
Press-fit in 1.45 mounting hole

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

SPECIFY SHELL FINISH:
01 5.08μm TIN/LEAD OVER NICKEL
08 5.08μm TIN OVER NICKEL (RoHS)
15 0.25μm GOLD OVER NICKEL (RoHS)

SPECIFY CONTACT FINISH:
02 2.54μm TIN/LEAD OVER NICKEL
04 2.54μm TIN OVER NICKEL (RoHS)
27 0.76μm GOLD OVER NICKEL (RoHS)

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

SPECIFICATIONS:
Shell Material: Brass Alloy 360, 1/2 Hard
Contact Material: Beryllium Copper Alloy 172, HT
Dimensions: Millimeters
Tolerances On: Lengths: ±0.13
Diameters: ±0.051
Angles: ±2°
FOR 0.38 - 0.64 DIAMETER PINS

**SPECIFICATIONS:**
- **Shell Material:** Brass Alloy 360, 1/2 Hard
- **Contact Material:** Beryllium Copper Alloy 172, HT
- **Dimensions:** Millimeters
- **Tolerances On:** Lengths: ± 0.13
  - Diameters: ± 0.051
  - Angles: ± 2°

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

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

FOR 0.38 - 0.64 DIAMETER PINS

1005/1013/8898

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

Press-fit in 1.45 mounting hole
Annealed brass shell for auto-clinching

Basic Part Number  Length  A
1005-0          3.51
1013-0          4.19
8898-0          5.69

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

0145/0146

014X-0-15-XX-3XX-04-0

Press-fit in 1.5 mounting hole

Basic Part Number  Length  A
0145-0          7.62
0146-0          10.41

4378

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

Press-fit in 1.45 mounting hole

0556

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

Press-fit in 1.5 mounting hole

1103

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

Press-fit in 1.45 mounting hole

9234

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

Solder mount in 1.32 min. mounting hole

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

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

Press-fit in 1.45 mounting hole

0136-0          30.86
0137-0          14.22
0138-0          5.33
0139-0          16.13
0141-0          17.78
0148-0          11.56
0152-0          10.41

0447

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

Press-fit in 1.42 mounting hole

5660

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

Solder mount in 1.3 min. mounting hole

SPECIFICATIONS:

Shell Material: Brass Alloy 360, 1/2 Hard
Contact Material: Beryllium Copper Alloy 172, HT
Dimensions: Millimeters
Tolerances On: Lengths: ± 0.13
               Diameters: ± 0.051
               Angles: ± 2°

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

BASIC PART #

SPECIFY SHELL FINISH:
01 5,08μm TIN/LEAD OVER NICKEL
80 5,08μm TIN OVER NICKEL (RoHS)
15 0.25μm GOLD OVER NICKEL (RoHS)

SPECIFY CONTACT FINISH:
02 2,54μm TIN/LEAD OVER NICKEL
84 2,54μm TIN OVER NICKEL (RoHS)
27 0.76μm GOLD OVER NICKEL (RoHS)

SELECT CONTACT:

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

**FOR 0,38 - 0,64 DIAMETER PINS**

### Specifications:
- **Shell Material:** Brass Alloy 360, 1/2 Hard
- **Contact Material:** Beryllium Copper Alloy 172, HT
- **Dimensions:** Millimeters
- **Tolerances On:** Lengths: ± 0,13
  Diameters: ± 0,051
  Angles: ± 2°

### Order Code: XXXX - X - 15 - XX - 30 - XX - 0

**Specify Shell Finish:**
- **01** 5,08μm TIN/LEAD OVER NICKEL
- **08** 5,08μm TIN OVER NICKEL (RoHS)
- **15** 0,25μm GOLD OVER NICKEL (RoHS)

**Specify Contact Finish:**
- **02** 2,54μm TIN/LEAD OVER NICKEL
- **04** 2,54μm TIN OVER NICKEL (RoHS)
- **07** 0,76μm GOLD OVER NICKEL (RoHS)

**Select Contact:**
- #30 CONTACT (DATA ON PAGE 253)
  (For alternate contact choices, see groups B and C on page 248)
PIN RECEPTACLES

FOR 0.38 - 0.64 DIAMETER PINS

1707
1707-0-19-XX-30-XX-10-0
Press-fit in 1.55 mounting hole
Wire Crimp Termination. Accepts wire sizes 22 AWG Max. / 24 AWG Min.

0240
0240-0-15-XX-30-XX-04-0
Press-fit in 1.49 mounting hole

0307
0307-0-15-XX-30-XX-04-0
Press-fit in 1.5 mounting hole

1753
1753-0-15-XX-30-XX-04-0
Press-fit in 1.45 mounting hole

1705/1706/1762
17XX-0-15-XX-3X-XX-04-0
Press-fit in 1.45 mounting hole

0672
0672-X-15-XX-30-XX-10-0
Swage mount in 1.24 hole

1024/1104
1XX4-0-18-XX-30-XX-10-0
Press-fit in 1.5 mounting hole
Accepts wire sizes up to 0.71 dia.

0498
0498-0-15-XX-35-XX-04-0
Press-fit in 1.45 mounting hole

8131
8131-0-15-XX-30-XX-10-0
Press-fit in 1.45 mounting hole

SPECIFICATIONS:
Shell Material: Brass Alloy 360, 1/2 Hard
Contact Material: Beryllium Copper Alloy 172, HT
Dimensions: Millimeters
Tolerances On: Lengths: ± 0.13
Diameters: ± 0.051
Angles: ± 2°

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

BASIC PART #

SPECIFY SHELL FINISH:
01 5.08μm TIN/LEAD OVER NICKEL
80 5.08μm TIN OVER NICKEL (RoHS)
15 0.25μm GOLD OVER NICKEL (RoHS)

SPECIFY CONTACT FINISH:
02 2.54μm TIN/LEAD OVER NICKEL
84 2.54μm TIN OVER NICKEL (RoHS)
27 0.76μm GOLD OVER NICKEL (RoHS)

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

**FOR 0.38 - 0.64 DIAMETER PINS**

<table>
<thead>
<tr>
<th>1802/3802/4030/8866</th>
<th>1803/1805/1808/3805</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Basic Part Number</strong></td>
<td><strong>Length A</strong></td>
</tr>
<tr>
<td>1802-0</td>
<td>3.18</td>
</tr>
<tr>
<td>3802-0</td>
<td>4.19</td>
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<td>8866-0</td>
<td>19.69</td>
</tr>
<tr>
<td>4030-0</td>
<td>20.70</td>
</tr>
</tbody>
</table>

**1804/1806**

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

Press-fit in 1.45 mounting hole

<table>
<thead>
<tr>
<th>Basic Part Number</th>
<th>Length A</th>
</tr>
</thead>
<tbody>
<tr>
<td>1804-0</td>
<td>2.03</td>
</tr>
<tr>
<td>1806-0</td>
<td>2.92</td>
</tr>
</tbody>
</table>

**1807**

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

Press-fit in 1.45 mounting hole

<table>
<thead>
<tr>
<th>Basic Part Number</th>
<th>Length A</th>
</tr>
</thead>
<tbody>
<tr>
<td>1808-0</td>
<td>2.54</td>
</tr>
<tr>
<td>1803-0</td>
<td>3.68</td>
</tr>
<tr>
<td>1805-0</td>
<td>5.41</td>
</tr>
<tr>
<td>3805-0</td>
<td>9.98</td>
</tr>
</tbody>
</table>

**8830**

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

Solder mount in 1.45 min. mounting hole

| 8830               | 1.83 DIA. |
| 1.57 DIA.          | 4.83      |
| 1.4 DIA.           | 5.72      |

**4622**

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

Press-fit in 1.35 plated through-hole

<table>
<thead>
<tr>
<th>Basic Part Number</th>
<th>Length A</th>
</tr>
</thead>
<tbody>
<tr>
<td>4622-0-15-XX-30-XX-10-0</td>
<td>2.54</td>
</tr>
</tbody>
</table>

**6252**

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

Hex press-fit in 1.45 plated through-hole

**SPECIFICATIONS:**

- **Shell Material:** Brass Alloy 360, 1/2 Hard
- **Contact Material:** Beryllium Copper Alloy 172, HT
- **Dimensions:** Millimeters
- **Tolerances On:** Lengths: ± 0.13
  Diameters: ± 0.051
  Angles: ± 2°
- **RoHS - 2:**

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

**BASIC PART #**

**SPECIFY SHELL FINISH:**

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

**SPECIFY CONTACT FINISH:**

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

**SELECT CONTACT:**

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

FOR 0.38 - 0.64 DIAMETER PINS

**SPECIFICATIONS:**

- **Shell Material:** Brass Alloy 360, 1/2 Hard
- **Contact Material:** Beryllium Copper Alloy 172, HT
- **Dimensions:** Millimeters
- **Tolerances On:** Lengths: ± 0.13
  Diameters: ± 0.051
  Angles: ± 2°

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

**BASIC PART #**

**SPECIFY SHELL FINISH:**

- **01** 5.08μm TIN/LEAD OVER NICKEL
- **08** 5.08μm TIN OVER NICKEL (RoHS)
- **15** 0.25μm GOLD OVER NICKEL (RoHS)

**SPECIFY CONTACT FINISH:**

- **02** 2.54μm TIN/LEAD OVER NICKEL
- **04** 2.54μm TIN OVER NICKEL (RoHS)
- **27** 0.76μm GOLD OVER NICKEL (RoHS)

**SELECT CONTACT:**

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

**FOR 0.38 - 0.64 DIAMETER PINS**

### 8964

- **8964-0-15-XX-30-XX-04-0**
  - Press-fit in 1.45 mounting hole

<table>
<thead>
<tr>
<th>Basic Part Number</th>
<th>Length</th>
</tr>
</thead>
<tbody>
<tr>
<td>8964-0</td>
<td>7,62</td>
</tr>
<tr>
<td>8964-1</td>
<td>7,62</td>
</tr>
<tr>
<td>8964-2</td>
<td>7,62</td>
</tr>
<tr>
<td>8964-3</td>
<td>7,62</td>
</tr>
<tr>
<td>8964-4</td>
<td>7,62</td>
</tr>
</tbody>
</table>

### 8862/8877

- **88XX-0-15-XX-30-XX-04-0**
  - Press-fit in 1.42 mounting hole

<table>
<thead>
<tr>
<th>Basic Part Number</th>
<th>Length</th>
</tr>
</thead>
<tbody>
<tr>
<td>8862-0</td>
<td>7,62</td>
</tr>
<tr>
<td>8862-1</td>
<td>7,62</td>
</tr>
<tr>
<td>8862-2</td>
<td>7,62</td>
</tr>
<tr>
<td>8862-3</td>
<td>7,62</td>
</tr>
<tr>
<td>8862-4</td>
<td>7,62</td>
</tr>
<tr>
<td>8877-0</td>
<td>8,89</td>
</tr>
<tr>
<td>8877-1</td>
<td>8,89</td>
</tr>
<tr>
<td>8877-2</td>
<td>8,89</td>
</tr>
<tr>
<td>8877-3</td>
<td>8,89</td>
</tr>
<tr>
<td>8877-4</td>
<td>8,89</td>
</tr>
</tbody>
</table>

### 9363

- **9363-0-15-XX-35-XX-10-0**
  - Solder mount in 1.45 min. mounting hole

<table>
<thead>
<tr>
<th>Basic Part Number</th>
<th>Length</th>
</tr>
</thead>
<tbody>
<tr>
<td>9363-0</td>
<td>4,20</td>
</tr>
<tr>
<td>9363-1</td>
<td>4,20</td>
</tr>
<tr>
<td>9363-2</td>
<td>4,20</td>
</tr>
<tr>
<td>9363-3</td>
<td>4,20</td>
</tr>
<tr>
<td>9363-4</td>
<td>4,20</td>
</tr>
</tbody>
</table>

### 1023

- **1023-0-15-XX-30-XX-04-0**
  - Press-fit in 1.55 mounting hole

<table>
<thead>
<tr>
<th>Basic Part Number</th>
<th>Length</th>
</tr>
</thead>
<tbody>
<tr>
<td>1023-0</td>
<td>5,08</td>
</tr>
<tr>
<td>1023-1</td>
<td>5,08</td>
</tr>
<tr>
<td>1023-2</td>
<td>5,08</td>
</tr>
<tr>
<td>1023-3</td>
<td>5,08</td>
</tr>
<tr>
<td>1023-4</td>
<td>5,08</td>
</tr>
</tbody>
</table>

### 1701

- **1701-0-15-XX-30-XX-10-0**
  - Press-fit in 1.45 mounting hole

<table>
<thead>
<tr>
<th>Basic Part Number</th>
<th>Length</th>
</tr>
</thead>
<tbody>
<tr>
<td>1701-0</td>
<td>6,20</td>
</tr>
<tr>
<td>1701-1</td>
<td>6,20</td>
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<tr>
<td>1701-2</td>
<td>6,20</td>
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<tr>
<td>1701-3</td>
<td>6,20</td>
</tr>
<tr>
<td>1701-4</td>
<td>6,20</td>
</tr>
</tbody>
</table>

### SPECIFICATIONS:

- **Shell Material**: Brass Alloy 360, 1/2 Hard
- **Contact Material**: Beryllium Copper Alloy 172, HT
- **Dimensions**: Millimeters
- **Tolerances On**: Lengths: ±0.13
  - Diameters: ±0.051
  - Angles: ±2°

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

- **BASIC PART #**: Specify Shell Finish:
  - 01 5.08μm TIN/LEAD OVER NICKEL
  - 08 5.08μm TIN OVER NICKEL (RoHS)
  - 15 0.25μm GOLD OVER NICKEL (RoHS)

- **SPECIFY CONTACT FINISH**:
  - 02 2.54μm TIN/LEAD OVER NICKEL
  - 04 2.54μm TIN OVER NICKEL (RoHS)
  - 27 0.76μm GOLD OVER NICKEL (RoHS)

- **SELECT CONTACT**:
  - #30, #32 or #35 (Data on Page 253 & 254)
  - (For alternate contact choices, see groups B and C on page 248)
## PIN RECEPTACLES

### FOR 0.46 - 0.58 DIAMETER PINS

<table>
<thead>
<tr>
<th>Part Number</th>
<th>Description</th>
<th>Specifications</th>
</tr>
</thead>
</table>
| 0507-0-15-XX-31-XX-10-0 | Solder mount in 1.07 min, mounting hole; Also available on 16mm wide carrier tape: 3,000 parts per 330mm reel | Shell Material: Brass Alloy 360, 1/2 Hard  
Contact Material: Beryllium Copper Alloy 172, HT  
Dimensions: Millimeters  
Tolerances On: Lengths: ± 0.13  
Diameters: ± 0.051  
Angles: ± 2°  
RoHS - 2011/65/EU |
| 0531-0-15-XX-31-XX-10-0 | Hex press-fit in 1.14 plated through-hole; (Top or Bottom entry capable); Also available on 16mm wide carrier tape: 3,800 parts per 330mm reel | Shell Material: Brass Alloy 360, 1/2 Hard  
Contact Material: Beryllium Copper Alloy 172, HT  
Dimensions: Millimeters  
Tolerances On: Lengths: ± 0.13  
Diameters: ± 0.051  
Angles: ± 2°  
RoHS - 2011/65/EU |

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

**BASIC PART #**

**SPECIFY SHELL FINISH:**

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

**SPECIFY CONTACT FINISH:**

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

**SELECT CONTACT:**

- **#31**: CONTACT  
(For alternate contact choices, see group A on page 248)
## Pin Receptacles for 0.51 - 0.81 Diameter Pins

### Specifications:
- **Shell Material:** Brass Alloy 360, 1/2 Hard
- **Contact Material:** Beryllium Copper Alloy 172, HT
- **Dimensions:** Millimeters
- **Tolerances On:**
  - Lengths: ±0.13
  - Diameters: ±0.051
  - Angles: ±2°

### Order Code: XXXX - X - XX - XX - 15 - XX - 10 - 0

### Basic Part #
**Specify Shell Finish:**
- 01 5.08μm TIN/LEAD OVER NICKEL
- 80 5.08μm TIN OVER NICKEL (RoHS)
- 15 0.25μm GOLD OVER NICKEL (RoHS)

### Specify Contact Finish:
- 01 5.08μm TIN/LEAD OVER NICKEL
- 80 5.08μm TIN OVER NICKEL (RoHS)
- 27 0.76μm GOLD OVER NICKEL (RoHS)

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

### FOR 0.56 - 0.81 DIAMETER PINS

<table>
<thead>
<tr>
<th>Part Number</th>
<th>Description</th>
<th>Dimensions</th>
<th>Options</th>
</tr>
</thead>
<tbody>
<tr>
<td>0295</td>
<td>Solder mount in 1.6 min. mounting hole</td>
<td>1,000 parts per 330mm reel</td>
<td>See page 194.10 for Tape &amp; Reel details</td>
</tr>
<tr>
<td>0292</td>
<td>Solder mount in 1.8 min. mounting hole</td>
<td>1,400 parts per 330mm reel</td>
<td>See page 194.10 for Tape &amp; Reel details</td>
</tr>
<tr>
<td>0294</td>
<td>Solder mount in 1.93 min. mounting hole</td>
<td>1,400 parts per 330mm reel</td>
<td>See page 194.10 for Tape &amp; Reel details</td>
</tr>
<tr>
<td>0398</td>
<td>Press-fit in 1.68 mounting hole</td>
<td>1,400 parts per 330mm reel</td>
<td>See page 194.10 for Tape &amp; Reel details</td>
</tr>
</tbody>
</table>

### Specifications:

- **Shell Material:** Brass Alloy 360, 1/2 Hard
- **Contact Material:** Beryllium Copper Alloy 172, HT
- **Dimensions:** Millimeters
- **Tolerances On:** Lengths: ±0.13, Diameters: ±0.051, Angles: ±2°

### Order Code:

**XXXX - X - XX - XX - 06 - XX - 00**

**Specify Shell Finish:**
- 01 5.08μm TIN/LEAD OVER NICKEL
- 08 5.08μm TIN OVER NICKEL (RoHS)
- 15 0.25μm GOLD OVER NICKEL (RoHS)

**Specify Contact Finish:**
- 01 5.08μm TIN/LEAD OVER NICKEL
- 08 5.08μm TIN OVER NICKEL (RoHS)
- 27 0.75μm GOLD OVER NICKEL (RoHS)

**Select Contact:**

#06 CONTACT (DATA ON PAGE 255)

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

FOR 0.56 - 0.81 DIAMETER PINS

0326
0326-X-19-XX-06-XX-10-0
Swage mount in 1.52 hole

<table>
<thead>
<tr>
<th>Basic Part Number</th>
<th>Board Thickness</th>
<th>Length</th>
<th>Depth</th>
</tr>
</thead>
<tbody>
<tr>
<td>0326-1</td>
<td>0.79</td>
<td>1.57</td>
<td>1.02</td>
</tr>
<tr>
<td>0326-2</td>
<td>1.57</td>
<td>2.39</td>
<td>1.57</td>
</tr>
<tr>
<td>0326-3</td>
<td>2.39</td>
<td>3.18</td>
<td>1.57</td>
</tr>
<tr>
<td>0326-4</td>
<td>3.18</td>
<td>3.96</td>
<td>1.57</td>
</tr>
</tbody>
</table>

5295
5295-0-19-XX-06-XX-10-0
Solder mount in 2.18 mm mounting hole
Wire Crimp Termination. Accepts wire sizes 18 AWG Max. / 22 AWG Min.

<table>
<thead>
<tr>
<th>Hole Diameter</th>
<th>Length</th>
</tr>
</thead>
<tbody>
<tr>
<td>2.39</td>
<td>1.27</td>
</tr>
<tr>
<td>2.39</td>
<td>2.67</td>
</tr>
<tr>
<td>2.39</td>
<td>8.64</td>
</tr>
</tbody>
</table>

0396
0396-0-15-XX-06-XX-10-0
Press-fit in 2.29 mounting hole

<table>
<thead>
<tr>
<th>Hole Diameter</th>
<th>Length</th>
</tr>
</thead>
<tbody>
<tr>
<td>2.59</td>
<td>0.71</td>
</tr>
<tr>
<td>2.59</td>
<td>12.57</td>
</tr>
<tr>
<td>2.59</td>
<td>13.46</td>
</tr>
</tbody>
</table>

0298
0298-X-15-XX-06-XX-10-0
Swage mount in 1.52 hole

<table>
<thead>
<tr>
<th>Basic Part Number</th>
<th>Board Thickness</th>
<th>Length</th>
</tr>
</thead>
<tbody>
<tr>
<td>0298-1</td>
<td>0.79</td>
<td>1.3</td>
</tr>
<tr>
<td>0298-2</td>
<td>1.57</td>
<td>2.08</td>
</tr>
<tr>
<td>0298-3</td>
<td>2.39</td>
<td>2.87</td>
</tr>
<tr>
<td>0298-4</td>
<td>3.18</td>
<td>3.68</td>
</tr>
</tbody>
</table>

9293
9293-0-15-XX-06-XX-10-0
Hex press-fit in 1.7 plated through-hole

<table>
<thead>
<tr>
<th>Hole Diameter</th>
<th>Length</th>
</tr>
</thead>
<tbody>
<tr>
<td>2.16</td>
<td>0.41</td>
</tr>
<tr>
<td>2.16</td>
<td>1.57</td>
</tr>
<tr>
<td>2.16</td>
<td>2.69</td>
</tr>
</tbody>
</table>

8864
8864-0-15-XX-06-XX-10-0
Press-fit in 1.7 mounting hole

<table>
<thead>
<tr>
<th>Hole Diameter</th>
<th>Length</th>
</tr>
</thead>
<tbody>
<tr>
<td>2.16</td>
<td>1.02</td>
</tr>
<tr>
<td>2.16</td>
<td>2.11</td>
</tr>
<tr>
<td>2.16</td>
<td>2.69</td>
</tr>
</tbody>
</table>

0664
0664-X-15-XX-06-XX-10-0
Swage mount in 2.44 hole

<table>
<thead>
<tr>
<th>Basic Part Number</th>
<th>Board Thickness</th>
<th>Length</th>
</tr>
</thead>
<tbody>
<tr>
<td>0664-1</td>
<td>2.39</td>
<td>3.18</td>
</tr>
<tr>
<td>0664-2</td>
<td>3.18</td>
<td>3.96</td>
</tr>
<tr>
<td>0664-3</td>
<td>4.78</td>
<td>5.56</td>
</tr>
</tbody>
</table>

SPECIFICATIONS:

Shell Material: Brass Alloy 360, 1/2 Hard
Contact Material: Beryllium Copper Alloy 172, HT
Dimensions: Millimeters
Tolerances On: Lengths: ± 0.13
Diameters: ± 0.051
Angles: ± 2°

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

BASIC PART #

SPECIFY SHELL FINISH:
01 5.08μm Tin/Lead over Nickel
08 5.08μm Tin over Nickel (RoHS)
15 0.25μm Gold over Nickel (RoHS)

SPECIFY CONTACT FINISH:
01 5.04μm Tin/Lead over Nickel
08 5.04μm Tin over Nickel (RoHS)
27 0.76μm Gold over Nickel (RoHS)

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

### FOR 0.56 - 0.86 DIAMETER PINS AND 0.64 SQUARE PINS

<table>
<thead>
<tr>
<th>Model</th>
<th>Description</th>
<th>Details</th>
</tr>
</thead>
<tbody>
<tr>
<td>0291</td>
<td>0291-0-15-XX-16-XX-10-0</td>
<td>Hex press-fit in 1.7 plated through-hole</td>
</tr>
<tr>
<td>0293</td>
<td>0293-0-15-XX-16-XX-10-0</td>
<td>Press-fit in 1.7 mounting hole</td>
</tr>
<tr>
<td>0287</td>
<td>0287-0-15-XX-16-XX-10-0</td>
<td>Solder mount in 1.65 min. mounting hole</td>
</tr>
<tr>
<td>0285</td>
<td>0285-0-15-XX-16-XX-10-0</td>
<td>Solder mount in 1.65 min. mounting hole</td>
</tr>
<tr>
<td>0284</td>
<td>0284-0-15-XX-16-XX-10-0</td>
<td>Solder mount in 1.78 min. mounting hole</td>
</tr>
<tr>
<td>0814</td>
<td>0814-0-15-XX-16-XX-04-0</td>
<td>Press-fit from underside of pc board into 1.65 mounting hole</td>
</tr>
<tr>
<td>0407</td>
<td>0407-0-15-XX-16-XX-04-0</td>
<td>Press-fit in 1.68 mounting hole</td>
</tr>
<tr>
<td>0415</td>
<td>0415-0-15-XX-16-XX-10-0</td>
<td>Solder mount in 1.6 min. mounting hole</td>
</tr>
<tr>
<td>0303</td>
<td>0303-0-19-XX-16-XX-10-0</td>
<td>Wire Crimp Termination. Accepts wire sizes 26 AWG Max. / 30 AWG Min.</td>
</tr>
<tr>
<td>0306</td>
<td>0306-0-19-XX-16-XX-10-0</td>
<td>Wire Crimp Termination. Accepts wire sizes 20 AWG Max. / 24 AWG Min.</td>
</tr>
<tr>
<td>0273</td>
<td>0273-0-15-XX-16-XX-10-0</td>
<td>Press-fit in 1.98 mounting hole</td>
</tr>
<tr>
<td>7520</td>
<td>7520-0-15-XX-16-XX-10-0</td>
<td>Press-fit in 1.68 mounting hole</td>
</tr>
</tbody>
</table>

### SPECIFICATIONS:
- **Shell Material**: Brass Alloy 360, 1/2 Hard
- **Contact Material**: Beryllium Copper Alloy 172, HT
- **Dimensions**: Millimeters
- **Tolerances On**: Lengths: ± 0.13, Diameters: ± 0.051, Angles: ± 2°

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

### BASIC PART #
- **SPECIFY SHELL FINISH:**
  - 01 5.04μm TIN/LEAD OVER NICKEL
  - 80 5.04μm TIN OVER NICKEL (RoHS)
  - 15 0.25μm GOLD OVER NICKEL (RoHS)

### SPECIFY CONTACT FINISH:
- **01** 5.04μm TIN/LEAD OVER NICKEL
- **80** 5.04μm TIN OVER NICKEL (RoHS)
- **27** 0.76μm GOLD OVER NICKEL (RoHS)

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

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

<table>
<thead>
<tr>
<th>BASIC PART</th>
<th>9808</th>
<th>9101</th>
<th>5650</th>
<th>8679</th>
</tr>
</thead>
<tbody>
<tr>
<td>Press-fit in</td>
<td>1,70 mounting hole</td>
<td>1,70 mounting hole</td>
<td>1,70 mounting hole</td>
<td>1,80 min. mounting hole</td>
</tr>
<tr>
<td>Solder mount in</td>
<td>Available on 24mm wide carrier tape: 800 parts per 330mm reel</td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>SPECIFICATIONS:</th>
</tr>
</thead>
<tbody>
<tr>
<td>Shell Material: Brass Alloy 360, 1/2 Hard</td>
</tr>
<tr>
<td>Contact Material: Beryllium Copper Alloy 172, HT</td>
</tr>
<tr>
<td>Dimensions: Millimeters</td>
</tr>
<tr>
<td>Tolerances On:</td>
</tr>
<tr>
<td>Lengths: ± 0,13</td>
</tr>
<tr>
<td>Diameters: ± 0,051</td>
</tr>
<tr>
<td>Angles: ± 2 °</td>
</tr>
</tbody>
</table>

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

<table>
<thead>
<tr>
<th>SPECIFY SHELL FINISH:</th>
</tr>
</thead>
<tbody>
<tr>
<td>01 5,08µm TIN/LEAD OVER NICKEL</td>
</tr>
<tr>
<td>80 5,08µm TIN OVER NICKEL (RoHS)</td>
</tr>
<tr>
<td>15 0,25µm GOLD OVER NICKEL (RoHS)</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>SPECIFY CONTACT FINISH:</th>
</tr>
</thead>
<tbody>
<tr>
<td>01 5,08µm TIN/LEAD OVER NICKEL</td>
</tr>
<tr>
<td>80 5,08µm TIN OVER NICKEL (RoHS)</td>
</tr>
<tr>
<td>27 0,76µm GOLD OVER NICKEL (RoHS)</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>SELECT CONTACT:</th>
</tr>
</thead>
<tbody>
<tr>
<td>#16 CONTACT (DATA ON PAGE 256)</td>
</tr>
<tr>
<td>(For alternate contact choices, see group D on page 248)</td>
</tr>
</tbody>
</table>
**PIN RECEPTACLES**

FOR 0.64 - 0.94 DIAMETER PINS AND 0.64 SQUARE PINS

### 0305

- **0305-X-15-XX-47-XX-10-0**  
  Solder mount in 1.57 mounting hole  
  Also available on 8mm or 24mm wide carrier tape: See chart for details  
  See page 194.12 for Tape & Reel details

#### T&R Packaging

<table>
<thead>
<tr>
<th>Basic Part Number</th>
<th>Tape Width</th>
<th>Parts per 330mmReel</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

- **X300-X-15-XX-47-XX-0**  
  Solder mount in 1.07 mm mounting hole

### 0399

- **0399-X-15-XX-47-XX-04-0**  
  Press-fit in 1.55 mm mounting hole

### 0279

- **0279-0-15-XX-47-XX-10-0**  
  Hex press-fit in 1.57 plated through-hole

### 0330

- **0330-0-15-XX-47-XX-10-0**  
  Hex press-fit in 2.01 plated through-hole

### SPECIFICATIONS:

- **Shell Material**: Brass Alloy 360, 1/2 Hard  
- **Contact Material**: Beryllium Copper Alloy 172, HT  
- **Dimensions**: Millimeters  
- **Tolerances On**: Lengths: ± 0.13  
  Diameters: ± 0.051  
  Angles: ± 2 °  
- **RoHS - 2011/65/EU**

### ORDER CODE:  

```
XXXX - X - XX - 47 - XX - XX - 0
```

#### BASIC PART #

**SPECIFY SHELL FINISH:**  
01 5.08μm TIN/LEAD OVER NICKEL  
80 5.08μm TIN OVER NICKEL (RoHS)  
15 0.25μm GOLD OVER NICKEL (RoHS)

#### SPECIFY CONTACT FINISH:**  
01 5.08μm TIN/LEAD OVER NICKEL  
80 5.08μm TIN OVER NICKEL (RoHS)  
27 0.76μm GOLD OVER NICKEL (RoHS)

**SELECT CONTACT:**  

(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 0.76 diameter round pins as well as 0.64 square pins.

Both compliant tail sockets and interconnects are available in two tail lengths, one for 1.52 - 2.54 thick panels and another for 2.29 - 3.30 thick panels.

Discrete pins (P/N’s 5601, 5602 & 2617) and receptacles (P/N’s 4993 & 4994) are useful for single location requirements or for non-standard layouts. The receptacles are low profile. The 4993 accepts leads from 0.3 - 0.43 and 4994 accepts leads from 0.38 - 0.51.
# PIN RECEPTACLES

## FOR 0.64 - 0.94 DIAMETER PINS AND 0.64 SQUARE PINS

### SPECIFICATIONS:
- **Shell Material:** Brass Alloy 360, 1/2 Hard
- **Contact Material:** Beryllium Copper Alloy 172, HT
- **Dimensions:** Millimeters
- **Tolerances On:**
  - Lengths: ± 0.13
  - Diameters: ± 0.051
  - Angles: ± 2°

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

<table>
<thead>
<tr>
<th>BASIC PART #</th>
<th>SPECIFY SHELL FINISH:</th>
<th>SPECIFY CONTACT FINISH:</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>01 5.08μm TIN/LEAD OVER NICKEL</td>
<td>01 5.08μm TIN/LEAD OVER NICKEL</td>
</tr>
<tr>
<td></td>
<td>80 5.08μm TIN OVER NICKEL (RoHS)</td>
<td>80 5.08μm TIN OVER NICKEL (RoHS)</td>
</tr>
<tr>
<td></td>
<td>15 0.25μm GOLD OVER NICKEL (RoHS)</td>
<td>27 0.76μm GOLD OVER NICKEL (RoHS)</td>
</tr>
</tbody>
</table>

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

### 1305
1305-0-15-XX-47-XX-04-0
Press-fit in 1.55 mounting hole

### 1306
1306-0-15-XX-47-XX-04-0
Press-fit in 1.55 mounting hole

### 7305
7305-0-15-XX-47-XX-10-0
Solder mount in 1.52 min. mounting hole

### 0400
0400-0-15-XX-47-XX-04-0
Press-fit in 1.7 mounting hole

### 0335
0335-0-15-XX-47-XX-04-0
Hex press-fit in 1.63 plated through-hole

### 4614
4614-0-31-XX-47-XX-04-0
Compliant press-fit in 1.02 ± 0.08 plated hole. For 1.52 → 2.54 thick board

### 4615
4615-0-31-XX-47-XX-04-0
Compliant press-fit in 1.02 ± 0.08 plated hole. For 2.29 → 3.30 thick board

### 7614
7614-0-31-XX-47-XX-04-0
Compliant press-fit in 1.02 ± 0.08 plated hole. For 1.52 → 2.54 thick board

### 8401
8401-0-15-XX-47-XX-04-0
Hex press-fit in 1.6 plated through-hole

### 2400
2400-0-15-XX-47-XX-04-0
Press-fit in 1.68 mounting hole

### 6857
6857-0-15-XX-47-XX-10-0
Press-fit in 1.55 mounting hole

### 9393
9393-0-15-XX-47-XX-10-0
Press-fit in 1.70 mounting hole
PIN RECEPTACLES

FOR 0.64 - 0.94 DIAMETER PINS AND 0.64 SQUARE PINS

**SPECIFICATIONS:**
- **Shell Material:** Brass Alloy 360, 1/2 Hard
- **Contact Material:** Beryllium Copper Alloy 172, HT
- **Dimensions:** Millimeters
- **Tolerances On:** Lengths: ± 0.13
  Diameters: ± 0.051
  Angles: ± 2°

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

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

**Basic Part Number** | **Length A**
---|---
0401-0 | 8.64
6401-0 | 13.72

**SPECIFY SHELL FINISH:**
- **01** 5.08μm TIN/LEAD OVER NICKEL
- **80** 5.08μm TIN OVER NICKEL (RoHS)
- **15** 0.25μm GOLD OVER NICKEL (RoHS)

**SPECIFY CONTACT FINISH:**
- **01** 5.08μm TIN/LEAD OVER NICKEL
- **80** 5.08μm TIN OVER NICKEL (RoHS)
- **27** 0.76μm GOLD OVER NICKEL (RoHS)

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

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

**SPECIFICATIONS:**

- **Shell Material:** Brass Alloy 360, 1/2 Hard
- **Contact Material:** Beryllium Copper Alloy 172, HT
- **Dimensions:** Millimeters
- **Tolerances On:**
  - Lengths: ±0,13
  - Diameters: ±0,051
  - Angles: ± 2°

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

**BASIC PART #**

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

**SPECIFY CONTACT FINISH:**

- 27 0,76μm GOLD OVER NICKEL (RoHS)

**SELECT CONTACT:**

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

**ORDER CODE: 4282-0-15-XX-47-27-10-0**

**Surface mount**

<table>
<thead>
<tr>
<th>P.C.B. Layout</th>
</tr>
</thead>
<tbody>
<tr>
<td>1,63 DIA.</td>
</tr>
<tr>
<td>1,02</td>
</tr>
<tr>
<td>1,42 DIA.</td>
</tr>
<tr>
<td>2,34 Ø MIN.</td>
</tr>
<tr>
<td>2,08 DIA.</td>
</tr>
<tr>
<td>2,34 Ø MIN.</td>
</tr>
<tr>
<td>2,34 Ø MIN.</td>
</tr>
</tbody>
</table>

**ORDER CODE: 5769-0-15-XX-47-27-10-0**

**Surface mount**

<table>
<thead>
<tr>
<th>P.C.B. Layout</th>
</tr>
</thead>
<tbody>
<tr>
<td>1,63 DIA.</td>
</tr>
<tr>
<td>1,02</td>
</tr>
<tr>
<td>1,42 DIA.</td>
</tr>
<tr>
<td>2,34 Ø MIN.</td>
</tr>
<tr>
<td>2,08 DIA.</td>
</tr>
<tr>
<td>2,34 Ø MIN.</td>
</tr>
<tr>
<td>2,34 Ø MIN.</td>
</tr>
</tbody>
</table>

**ORDER CODE: 2250-0-15-XX-47-XX-10-0**

**Solder mount in 1,47 min. mounting hole**

<table>
<thead>
<tr>
<th>P.C.B. Layout</th>
</tr>
</thead>
<tbody>
<tr>
<td>1,93 DIA.</td>
</tr>
<tr>
<td>1,02</td>
</tr>
<tr>
<td>1,42 DIA.</td>
</tr>
<tr>
<td>2,34 Ø MIN.</td>
</tr>
<tr>
<td>2,08 DIA.</td>
</tr>
<tr>
<td>2,34 Ø MIN.</td>
</tr>
</tbody>
</table>

**ORDER CODE: 2250-0-15-XX-47-XX-10-0**
PIN RECEPTACLES

FOR 0.94 - 1.09 DIAMETER PINS

0331/9353
X3XX-0-15-XX-18-XX-10-0
Solder mount in 1.80 min. mounting hole
Also available on 24mm wide carrier tape:
1,000 parts per 330mm reel
See page 194.13 for Tape & Reel details

 Basic Part Number | Length (L) | Depth (N)
-------------------|-----------|-----------
0331-0            | 3.81      | 3.23      |
9353-0            | 4.32      | 3.73      |

7405
7405-0-18-XX-18-XX-10-0
Press-fit in 2.13 mounting hole
Accepts wire sizes up to 0.64 dia.

3450
3450-0-15-XX-18-XX-04-0
Solder mount in 1.09 min. mounting hole

SPECIFICATIONS:

Shell Material: Brass Alloy 360, 1/2 Hard
Contact Material: Beryllium Copper Alloy 172, HT
Dimensions: Millimeters
Tolerances On:
- Lengths: ±0.13
- Diameters: ±0.051
- Angles: ±2°

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

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:** Millimeters  
**Tolerances On:** Lengths: ± 0.13  
Diameters: ± 0.051  
Angles: ± 2°  

### Order Code: XXXX - 0 - 15 - XX - 18 - XX - XX - 0

**Specify Shell Finish:**  
- **01** 5.08µm TIN/LEAD OVER NICKEL  
- **80** 5.08µm TIN OVER NICKEL (RoHS)  
- **15** 0.25µm GOLD OVER NICKEL (RoHS)

**Specify Contact Finish:**  
- **01** 5.08µm TIN/LEAD OVER NICKEL  
- **80** 5.08µm TIN OVER NICKEL (RoHS)  
- **27** 0.76µm GOLD OVER NICKEL (RoHS)

### Select Contact:  
- **#18** CONTACT (DATA ON PAGE 257)  
(For alternate contact choices, see group L on page 248)
### SPECIFICATIONS:

<table>
<thead>
<tr>
<th>Specification</th>
<th>Details</th>
</tr>
</thead>
<tbody>
<tr>
<td>Shell Material</td>
<td>Brass Alloy 360, 1/2 Hard</td>
</tr>
<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></td>
</tr>
<tr>
<td>Lengths:</td>
<td>±0.13</td>
</tr>
<tr>
<td>Diameters:</td>
<td>±0.051</td>
</tr>
<tr>
<td>Angles:</td>
<td>±2°</td>
</tr>
</tbody>
</table>

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

**BASIC PART #**

- Specify Shell Finish:
  - 80  5.08μm Tin Over Nickel (RoHS)
  - 15  0.25μm Gold Over Nickel (RoHS)

**SELECT CONTACT:**

- #48 Contact

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

FOR 0.81 - 1.17 DIAMETER PINS

0344
0344-X-19-XX-34-XX-10-0
Swage mount in 1.07 hole

<table>
<thead>
<tr>
<th>Basic Part Number</th>
<th>Board Thickness</th>
<th>Length</th>
<th>Depth</th>
</tr>
</thead>
<tbody>
<tr>
<td>0344-1</td>
<td>0.78</td>
<td>1.57</td>
<td>1.02</td>
</tr>
<tr>
<td>0344-2</td>
<td>2.39</td>
<td>3.18</td>
<td>1.57</td>
</tr>
<tr>
<td>0344-3</td>
<td>3.18</td>
<td>3.96</td>
<td>1.57</td>
</tr>
<tr>
<td>0344-4</td>
<td>1.02</td>
<td>1.11</td>
<td>2.62</td>
</tr>
</tbody>
</table>

0349
0349-X-31-XX-34-XX-10-0
Swage mount in 3.28 hole

<table>
<thead>
<tr>
<th>Basic Part Number</th>
<th>Board Thickness</th>
<th>Length</th>
<th>Depth</th>
</tr>
</thead>
<tbody>
<tr>
<td>0349-2</td>
<td>1.57</td>
<td>2.39</td>
<td></td>
</tr>
<tr>
<td>0349-3</td>
<td>2.39</td>
<td>3.18</td>
<td></td>
</tr>
<tr>
<td>0349-4</td>
<td>3.18</td>
<td>3.96</td>
<td></td>
</tr>
</tbody>
</table>

0323
0323-X-15-XX-34-XX-10-0
Swage mount in 2.39 hole

<table>
<thead>
<tr>
<th>Basic Part Number</th>
<th>Board Thickness</th>
<th>Length</th>
<th>Depth</th>
</tr>
</thead>
<tbody>
<tr>
<td>0323-1</td>
<td>0.79</td>
<td>1.57</td>
<td></td>
</tr>
<tr>
<td>0323-2</td>
<td>1.57</td>
<td>2.39</td>
<td></td>
</tr>
<tr>
<td>0323-3</td>
<td>2.39</td>
<td>3.18</td>
<td></td>
</tr>
<tr>
<td>0323-4</td>
<td>3.18</td>
<td>3.96</td>
<td></td>
</tr>
</tbody>
</table>

0324
0324-X-15-XX-34-XX-10-0
Swage mount in 2.39 hole

<table>
<thead>
<tr>
<th>Basic Part Number</th>
<th>Board Thickness</th>
<th>Length</th>
<th>Depth</th>
</tr>
</thead>
<tbody>
<tr>
<td>0324-1</td>
<td>0.79</td>
<td>1.57</td>
<td></td>
</tr>
<tr>
<td>0324-2</td>
<td>1.57</td>
<td>2.39</td>
<td></td>
</tr>
<tr>
<td>0324-3</td>
<td>2.39</td>
<td>3.18</td>
<td></td>
</tr>
<tr>
<td>0324-4</td>
<td>3.18</td>
<td>3.96</td>
<td></td>
</tr>
</tbody>
</table>

0348
0348-0-33-XX-34-XX-10-0
Wire crimp termination. Accepts wire sizes 20 AWG Max. / 24 AWG Min.

<table>
<thead>
<tr>
<th>Basic Part Number</th>
<th>Board Thickness</th>
<th>Length</th>
<th>Depth</th>
</tr>
</thead>
<tbody>
<tr>
<td>0348-1</td>
<td>0.79</td>
<td>1.57</td>
<td></td>
</tr>
<tr>
<td>0348-2</td>
<td>1.57</td>
<td>2.39</td>
<td></td>
</tr>
<tr>
<td>0348-3</td>
<td>2.39</td>
<td>3.18</td>
<td></td>
</tr>
<tr>
<td>0348-4</td>
<td>3.18</td>
<td>3.96</td>
<td></td>
</tr>
</tbody>
</table>

0405
0405-0-15-XX-34-XX-04-0
Press-fit in 2.13 mounting hole

<table>
<thead>
<tr>
<th>Basic Part Number</th>
<th>Board Thickness</th>
<th>Length</th>
<th>Depth</th>
</tr>
</thead>
<tbody>
<tr>
<td>0405-1</td>
<td>0.71</td>
<td>1.57</td>
<td></td>
</tr>
<tr>
<td>0405-2</td>
<td>1.57</td>
<td>2.39</td>
<td></td>
</tr>
<tr>
<td>0405-3</td>
<td>2.39</td>
<td>3.18</td>
<td></td>
</tr>
<tr>
<td>0405-4</td>
<td>3.18</td>
<td>3.96</td>
<td></td>
</tr>
</tbody>
</table>

0366
0366-0-15-XX-34-XX-04-0
Press-fit in 2.26 mounting hole

<table>
<thead>
<tr>
<th>Basic Part Number</th>
<th>Board Thickness</th>
<th>Length</th>
<th>Depth</th>
</tr>
</thead>
<tbody>
<tr>
<td>0366-1</td>
<td>0.71</td>
<td>1.57</td>
<td></td>
</tr>
<tr>
<td>0366-2</td>
<td>1.57</td>
<td>2.39</td>
<td></td>
</tr>
<tr>
<td>0366-3</td>
<td>2.39</td>
<td>3.18</td>
<td></td>
</tr>
<tr>
<td>0366-4</td>
<td>3.18</td>
<td>3.96</td>
<td></td>
</tr>
</tbody>
</table>

0322
0322-0-15-XX-34-XX-10-0
Solder mount in 2.26 min. mounting hole

<table>
<thead>
<tr>
<th>Basic Part Number</th>
<th>Board Thickness</th>
<th>Length</th>
<th>Depth</th>
</tr>
</thead>
<tbody>
<tr>
<td>0322-1</td>
<td>0.71</td>
<td>1.57</td>
<td></td>
</tr>
<tr>
<td>0322-2</td>
<td>1.57</td>
<td>2.39</td>
<td></td>
</tr>
<tr>
<td>0322-3</td>
<td>2.39</td>
<td>3.18</td>
<td></td>
</tr>
<tr>
<td>0322-4</td>
<td>3.18</td>
<td>3.96</td>
<td></td>
</tr>
</tbody>
</table>

0325
0325-0-15-XX-34-XX-10-0
Press-fit in 2.29 mounting hole

<table>
<thead>
<tr>
<th>Basic Part Number</th>
<th>Board Thickness</th>
<th>Length</th>
<th>Depth</th>
</tr>
</thead>
<tbody>
<tr>
<td>0325-1</td>
<td>0.71</td>
<td>1.57</td>
<td></td>
</tr>
<tr>
<td>0325-2</td>
<td>1.57</td>
<td>2.39</td>
<td></td>
</tr>
<tr>
<td>0325-3</td>
<td>2.39</td>
<td>3.18</td>
<td></td>
</tr>
<tr>
<td>0325-4</td>
<td>3.18</td>
<td>3.96</td>
<td></td>
</tr>
</tbody>
</table>

SPECIFICATIONS:

- Shell Material: Brass Alloy 360, 1/2 Hard
- Contact Material: Beryllium Copper Alloy 172, HT
- Dimensions: Millimeters
- Tolerances On: Lengths: ± 0.13
  Diameters: ± 0.051
  Angles: ± 2 °

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

BASIC PART #

SPECIFY SHELL FINISH:

- 01 5.08μm TIN/LEAD OVER NICKEL
- 80 5.08μm TIN OVER NICKEL (RoHS)
- 15 0.25μm GOLD OVER NICKEL (RoHS)

SPECIFY CONTACT FINISH:

- 01 5.08μm TIN/LEAD OVER NICKEL
- 80 5.08μm TIN OVER NICKEL (RoHS)
- 27 0.76μm GOLD OVER NICKEL (RoHS)

SELECT CONTACT:

#34 CONTACT (DATA ON PAGE 258)

(For alternate contact choices, see group E on page 248)
### Pin Receptacles

**For 0.81 - 1.17 Diameter Pins**

**0327/0351/0373**  
03XX-0-15-XX-34-XX-10-0  
Solder mount in 1.91 min. mounting hole  
Also available on 12mm or 24mm wide carrier tape: See chart for details  
See page 194.14 for Tape & Reel details

- **Basic Part Number**  
- **Length L**  
- **Depth N**

<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>5,23</td>
<td>4,57</td>
</tr>
<tr>
<td>0351-0</td>
<td>5,74</td>
<td>5,08</td>
</tr>
<tr>
<td>0373-0</td>
<td>6,86</td>
<td>6,12</td>
</tr>
</tbody>
</table>

**0328**  
0328-0-15-XX-34-XX-10-0  
Hex press-fit in 2.01 plated through-hole

- **Basic Part Number**  
  - **Length L**
  - **Width N**

<table>
<thead>
<tr>
<th>Basic Part Number</th>
<th>Length L</th>
<th>Width N</th>
</tr>
</thead>
<tbody>
<tr>
<td>0328-0</td>
<td>2,31</td>
<td>0,71</td>
</tr>
<tr>
<td>0328-1</td>
<td>2,31</td>
<td>0,71</td>
</tr>
<tr>
<td>0328-2</td>
<td>2,31</td>
<td>0,71</td>
</tr>
</tbody>
</table>

**0334**  
0334-0-15-XX-34-XX-10-0  
Hex press-fit in 2.01 plated through-hole

- **Basic Part Number**  
  - **Length L**
  - **Width N**

<table>
<thead>
<tr>
<th>Basic Part Number</th>
<th>Length L</th>
<th>Width N</th>
</tr>
</thead>
<tbody>
<tr>
<td>0334-0</td>
<td>2,31</td>
<td>0,71</td>
</tr>
<tr>
<td>0334-1</td>
<td>2,31</td>
<td>0,71</td>
</tr>
<tr>
<td>0334-2</td>
<td>2,31</td>
<td>0,71</td>
</tr>
</tbody>
</table>

**0333**  
0333-0-42-XX-34-XX-10-0  
Press-fit in 1.93 mounting hole

- **Basic Part Number**  
  - **Length L**
  - **Width N**

<table>
<thead>
<tr>
<th>Basic Part Number</th>
<th>Length L</th>
<th>Width N</th>
</tr>
</thead>
<tbody>
<tr>
<td>0333-0</td>
<td>2,39</td>
<td>0,78</td>
</tr>
<tr>
<td>0333-1</td>
<td>2,64</td>
<td>0,78</td>
</tr>
<tr>
<td>0333-2</td>
<td>2,01</td>
<td>0,78</td>
</tr>
</tbody>
</table>

**SPECIFICATIONS:**

- **Shell Material:** Brass Alloy 360, 1/2 Hard  
- **Contact Material:** Beryllium Copper Alloy 172, HT  
- **Dimensions:** Millimeters  
- **Tolerances On:**  
  - Lengths: ± 0,13  
  - Diameters: ± 0,051  
  - Angles: ± 2°  
- **RoHS - 2:** 2011/65/EU

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

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

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

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

### FOR 0.81 - 1.17 DIAMETER PINS

<table>
<thead>
<tr>
<th>Model</th>
<th>Description</th>
<th>Dimensions</th>
<th>Contact Material</th>
<th>Shell Material</th>
<th>Tolerance On</th>
</tr>
</thead>
<tbody>
<tr>
<td>0359-0-15-XX-34-XX-10-0</td>
<td>Press-fit in 2.29 mounting hole</td>
<td>2.79 DIA. 2.36 DIA. 2.03 DIA.</td>
<td>Beryllium Copper Alloy 172, HT</td>
<td>Brass Alloy 360, 1/2 Hard</td>
<td>± 0.13</td>
</tr>
<tr>
<td>0356-0-15-XX-34-XX-10-0</td>
<td>Solder mount in 2.59 min. mounting hole</td>
<td>3.0 DIA. 2.54 DIA. 1.88 DIA.</td>
<td>Beryllium Copper Alloy 172, HT</td>
<td>Brass Alloy 360, 1/2 Hard</td>
<td>± 0.13</td>
</tr>
<tr>
<td>0509-0-15-XX-34-XX-04-0</td>
<td>Solder mount in 2.08 min. mounting hole</td>
<td>2.29 DIA. 2.03 DIA. 0.76 DIA.</td>
<td>Beryllium Copper Alloy 172, HT</td>
<td>Brass Alloy 360, 1/2 Hard</td>
<td>± 0.13</td>
</tr>
</tbody>
</table>

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

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

**SPECIFICATIONS:**
- **Shell Material:** Brass Alloy 360, 1/2 Hard
- **Contact Material:** Beryllium Copper Alloy 172, HT
- **Dimensions:** Millimeters
- **Tolerances On:** Lengths: ± 0.13  
  Diameters: ± 0.051  
  Angles: ± 2°  
  (RoHS-2 2011/65/EU)
**PIN RECEPTACLES**

**FOR 0.81 - 1.17 DIAMETER PINS**

**0739**
0739-0-15-XX-34-XX-10-0
Hex press-fit in 1.98 plated through-hole

**8853**
8853-0-15-XX-34-XX-10-0
Press-fit in 1.8 mounting hole

**8838**
8838-0-15-XX-34-XX-10-0
Solder mount in 2.18 min. mounting hole

**3100**
3100-0-15-XX-34-XX-10-0
Solder mount in 1.88 min. mounting hole

**4130**
4130-0-33-XX-34-XX-10-0
Wire crimp termination. Accepts wire sizes 22 AWG Max. / 24 AWG Min.

**0720**
0720-0-33-XX-34-XX-10-0
Press-fit in 2.26 mounting hole

**5124**
5124-0-19-XX-34-XX-10-0
Wire crimp termination. Accepts wire sizes 20 AWG Max. / 24 AWG Min.

**3735**
3735-0-19-XX-34-XX-10-0
Wire crimp termination. Accepts wire sizes 18 AWG Max. / 22 AWG Min.

**0740**
0740-0-18-XX-34-XX-10-0
Press-fit in 1.91 mounting hole

**5084**
5084-0-18-XX-34-XX-10-0
Press-fit in 2.06 mounting hole

**8731**
8731-0-19-XX-34-XX-10-0
Wire crimp termination. Accepts wire sizes 22 AWG Max. / 24 AWG Min.

**SPECIFICATIONS:**
- **Shell Material**: Brass Alloy 360, 1/2 Hard
- **Contact Material**: Beryllium Copper Alloy 172, HT
- **Dimensions**: Millimeters
- **Tolerances On**:
  - Lengths: ± 0.13
  - Diameters: ± 0.051
  - Angles: ± 2°

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

**BASIC PART #**
- **SPECIFY SHELL FINISH:**
  - 01 5.08μm TIN/LEAD OVER NICKEL
  - 80 5.08μm TIN OVER NICKEL (RoHS)
  - 15 0.25μm GOLD OVER NICKEL (RoHS)

**SPECIFY CONTACT FINISH:**
- 01 5.08μm TIN/LEAD OVER NICKEL
- 80 5.08μm TIN OVER NICKEL (RoHS)
- 27 0.76μm GOLD OVER NICKEL (RoHS)

**SELECT CONTACT:**
- #34 CONTACT (DATA ON PAGE 258)
  (For alternate contact choices, see group E on page 248)
PIN RECEPTACLES
FOR 0.81 - 1.17 DIAMETER PINS

**SPECIFICATIONS:**

Shell Material: Brass Alloy 360, 1/2 Hard
Contact Material: Beryllium Copper Alloy 172, HT
Dimensions: Millimeters
Tolerances On:
- Lengths: ± 0.13
- Diameters: ± 0.051
- Angles: ± 2°

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

**BASIC PART #**

**SPECIFY SHELL FINISH:**
- 01 5.08μm TIN/LEAD OVER NICKEL
- 80 5.08μm TIN OVER NICKEL (RoHS)
- 15 0.25μm GOLD OVER NICKEL (RoHS)

**SPECIFY CONTACT FINISH:**
- 01 5.08μm TIN/LEAD OVER NICKEL
- 80 5.08μm TIN OVER NICKEL (RoHS)
- 27 0.76μm GOLD OVER NICKEL (RoHS)

**SELECT CONTACT:**

#34 CONTACT (DATA ON PAGE 258)
(For alternate contact choices, see group E on page 248)
Mill-Max offers receptacles (discrete sockets) on carrier tape per EIA-481 to feed automated ‘pick & place’ assembly equipment. Our standard reel size is 330mm.

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

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

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

FOR 1.02 - 1.27 DIAMETER PINS (#02 CONTACT)
FOR 1.02 - 1.52 DIAMETER PINS (#03 CONTACT)

0355
0355-0-15-XX-02-XX-10-0
Solder mount in 2.59 min. mounting hole
Also available on 24mm wide carrier tape: 700 parts per 330mm reel
See page 194.16 for Tape & Reel details

0354
0354-0-15-XX-02-XX-10-0
Pentagonal press-fit in 2.64 min. plated through-hole

3490
3490-0-15-XX-02-XX-10-0
Press-fit in 2.31 mounting hole

3808
3808-0-15-XX-02-XX-10-0
Press-fit in 2.29 mounting hole

9184
9184-0-15-XX-02-XX-40-0
Bottom entry, surface mount
2.34 min. plated through-hole
Also available on carrier tape, See page 194.16 for Tape & Reel details

9222
9222-2-15-XX-02-XX-40-0
Bottom entry, surface mount
2.08 min. plated through-hole
Also available on carrier tape, See page 194.16 for Tape & Reel details

4064
4064-0-18-XX-03-XX-40-0
Surface mount
Also available on 16mm wide carrier tape: 2,400 parts per 330mm reel
See page 194.17 for Tape & Reel details

SPECIFICATIONS:
Shell Material: Brass Alloy 360, 1/2 Hard
Contact Material: Beryllium Copper Alloy 172, HT
Dimensions: Millimeters
Tolerances On: Lengths: ± 0.13
Diameters: ± 0.051
Angles: ± 2°

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

SPECIFY SHELL FINISH:
01 5.08µm TIN/LEAD OVER NICKEL
80 5.08µm TIN OVER NICKEL (RoHS)
15 0.25µm GOLD OVER NICKEL (RoHS)

SPECIFY CONTACT FINISH:
01 5.08µm TIN/LEAD OVER NICKEL
80 5.08µm TIN OVER NICKEL (RoHS)
27 0.76µm GOLD OVER NICKEL (RoHS)

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

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

**0433/8433**
X433-0-15-XX-03-XX-04-0
Press-fit in 2,69 mounting hole

<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>3,05</td>
<td>5,21</td>
</tr>
<tr>
<td>8433-0</td>
<td>8,0</td>
<td>5,84</td>
</tr>
</tbody>
</table>

**0435/0436**
043X-0-15-XX-03-XX-10-0
Solder mount in 2,59 min. mounting hole
Also available on 24mm wide carrier tape:
950 parts per 330mm reel
See page 194.17 for Tape & Reel details

<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>3,0</td>
<td>1,27</td>
</tr>
<tr>
<td>0436-0</td>
<td>3,18</td>
<td>1,78</td>
</tr>
</tbody>
</table>

**0342**
0342-0-15-XX-42-XX-10-0
Hex press-fit in 2,29±0,05 plated through-hole

**6342**
6342-0-15-XX-42-XX-10-0
Hex press-fit in 2,29±0,05 plated through-hole

**6433**
6433-0-19-XX-42-XX-10-0
Press-fit in 2,69 mounting hole
Wire crimp termination. Accepts wire sizes 18 AWG Max. / 22 AWG Min.

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

<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>

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

<table>
<thead>
<tr>
<th>Initial Cycle with Ø1,5 pin</th>
<th>Second Cycle with Ø1,6 pin</th>
<th>Third Cycle with Ø1,5 pin</th>
</tr>
</thead>
<tbody>
<tr>
<td>18N</td>
<td>6N</td>
<td>22N</td>
</tr>
</tbody>
</table>

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

**SPECIFICATIONS:**

- **Shell Material:** Brass Alloy 360, 1/2 Hard
- **Contact Material:** Beryllium Copper Alloy 172, HT
- **Dimensions:** Millimeters
- **Tolerances On:** Lengths: ± 0,13
  Diameters: ± 0,051
  Angles: ± 2°

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

**BASIC PART #**

**SPECIFY SHELL FINISH:**

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

**SPECIFY CONTACT FINISH:**

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

**SELECT CONTACT:**

- #03 or #42 CONTACT (DATA ON PAGE 259)
**PIN RECEPTACLES**

FOR 1.22 - 1.63 DIAMETER PINS (#13 CONTACT)
FOR 1.14 - 1.65 DIAMETER PINS (#23 CONTACT)

**0364**
0364-0-15-XX-13-XX-10-0
Solder mount in 2.54 min. mounting hole
Also available on 16mm wide carrier tape: 1,300 parts per 330mm reel
See page 194.17 for Tape & Reel details

**0363**
0363-0-15-XX-23-XX-10-0
Solder mount in 2.59 min. mounting hole

**0365**
0365-0-15-XX-23-XX-10-0
Hex press-fit in 2.67 plated through-hole
Also available on 16mm wide carrier tape: 1,200 parts per 330mm reel
See page 194.18 for Tape & Reel details

**0366**
0366-0-15-XX-13-XX-10-0
Press-fit in 2.77 mounting hole

**0372**
0372-0-15-XX-13-XX-10-0
Solder mount in 2.59 min. mounting hole
Also available on 24mm wide carrier tape: 950 parts per 330mm reel
See page 194.17 for Tape & Reel details

**0362**
0362-0-15-XX-13-XX-10-0
Solder mount in 2.59 min. mounting hole

**0367**
0367-0-15-XX-23-XX-10-0
Square press-fit in 1.02 plated through-hole

**9324**
9324-0-15-XX-23-XX-04-0
Press-fit in 2.69 mounting hole

**0492**
0492-0-15-XX-13-XX-04-0
Press-fit in 2.69 mounting hole

**0381**
0381-0-15-XX-13-XX-04-0
Press-fit in 2.64 mounting hole

**4034**
4034-0-15-XX-23-XX-04-0
Press-fit in 2.77 mounting hole

**3044**
3044-0-15-XX-23-XX-04-0
Solder mount in 2.64 min. mounting hole

**SPECIFICATIONS:**
- **Shell Material:** Brass Alloy 360, 1/2 Hard
- **Contact Material:** Beryllium Copper Alloy 172, HT
- **Dimensions:** Millimeters
- **Tolerances On:** Lengths: ± 0.13
  Diameters: ± 0.051
  Angles: ± 2 °
  
  **RoHS - 2**
  2011/65/EU

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

**BASIC PART #**
**SPECIFY SHELL FINISH:**
01 5.08μm TIN/LEAD OVER NICKEL
80 5.08μm TIN OVER NICKEL (RoHS)
15 0.25μm GOLD OVER NICKEL (RoHS)

**SPECIFY CONTACT FINISH:**
01 5.08μm TIN/LEAD OVER NICKEL
80 5.08μm TIN OVER NICKEL (RoHS)
27 0.76μm GOLD OVER NICKEL (RoHS)

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

FOR 1.22 - 1.63 DIAMETER PINS (#13 CONTACT)
FOR 1.14 - 1.65 DIAMETER PINS (#23 CONTACT)

SPECIFICATIONS:
Shell Material: Brass Alloy 360, 1/2 Hard
Contact Material: Beryllium Copper Alloy 172, HT
Dimensions: Millimeters
Tolerances On: Lengths: ±0.13
Diameters: ±0.051
Angles: ±2°

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

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

**Shell Material:** Brass Alloy 360, 1/2 Hard  
**Contact Material:** Beryllium Copper Alloy 172, HT  
**Dimensions:** Millimeters

<table>
<thead>
<tr>
<th>Tolerances On</th>
<th>Lengths:</th>
<th>± 0,13</th>
</tr>
</thead>
<tbody>
<tr>
<td>Diameters:</td>
<td>± 0,051</td>
<td></td>
</tr>
<tr>
<td>Angles:</td>
<td>± 2 °</td>
<td></td>
</tr>
</tbody>
</table>

**RoHS - 2011/65/EU**

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

**BASIC PART #**

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

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

### SELECT CONTACT:

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

FOR 1.65 - 2.08 DIAMETER PINS

**SPECIFICATIONS:**
- **Shell Material:** Brass Alloy 360, 1/2 Hard
- **Contact Material:** Beryllium Copper Alloy 172, HT
- **Dimensions:** Millimeters
- **Tolerances On:** Lengths: ± 0,13
  - Diameters: ± 0,051
  - Angles: ± 2°

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

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

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

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

---

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

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

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

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

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

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

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

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

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

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

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

FOR 1.65 - 2.08 DIAMETER PINS

0395
0395-X-15-XX-07-XX-10-0
Swage mount in 2.44 hole

8016
8016-0-15-XX-07-XX-10-0
Press-fit in 3.33 mounting hole

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

0778
0778-0-18-XX-07-XX-10-0
Press-fit in 3.63 mounting hole
Accepts wire sizes up to 14 AWG

9177
9177-0-18-XX-07-XX-10-0
Press-fit in 3.84 mounting hole
Accepts wire sizes up to 16 AWG

5391
5391-0-15-XX-07-XX-10-0
Solder mount in 4.04 min. mounting hole

8837
8837-0-15-XX-14-XX-10-0
Solder mount in 4.04 min. mounting hole

9837
9837-0-15-XX-14-XX-10-0
Solder mount in 4.04 min. mounting hole

8994
8994-0-15-XX-07-XX-10-0
Press-fit in 3.25 mounting hole

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

SPECIFICATIONS:
Shell Material: Brass Alloy 360, 1/2 Hard
Contact Material: Beryllium Copper Alloy 172, HT
Dimensions: Millimeters
Tolerances On: Lengths: ± 0.13
Diameters: ± 0.051
Angles: ± 2°

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

### FOR 2,13 - 2,59 DIAMETER PINS

<table>
<thead>
<tr>
<th>Code</th>
<th>Description</th>
<th>Basic Part Number</th>
<th>Board Thickness</th>
<th>Length V</th>
</tr>
</thead>
<tbody>
<tr>
<td>0388</td>
<td>Press-fit in 3,51 mounting hole</td>
<td>0388-0-15-XX-08-XX-10-0</td>
<td>1,57</td>
<td>2,39</td>
</tr>
<tr>
<td>0390</td>
<td>Solder mount in 3,66 min. mounting hole Also available on 44mm wide carrier tape: 425 parts per 330mm reel</td>
<td>0390-0-15-XX-08-XX-10-0</td>
<td>2,39</td>
<td>3,18</td>
</tr>
<tr>
<td>0389</td>
<td>Swage mount in 2,39 hole</td>
<td>0389-X-15-XX-08-XX-10-0</td>
<td>3,18</td>
<td>3,96</td>
</tr>
<tr>
<td>8963</td>
<td>Compliant press-fit in 1,02 ± 0,08 plated hole. For 1,52 → 2,54 thick board</td>
<td>8963-0-31-XX-08-XX-04-0</td>
<td></td>
<td></td>
</tr>
<tr>
<td>0712</td>
<td>Wire crimp termination. Accepts wire sizes 12 AWG Max. / 14 AWG Min.</td>
<td>0712-0-33-XX-08-XX-10-0</td>
<td></td>
<td></td>
</tr>
<tr>
<td>5493</td>
<td>Press-fit in 4,01 mounting hole</td>
<td>5493-0-15-XX-08-XX-10-0</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

### SPECIFICATIONS:

- **Shell Material:** Brass Alloy 360, 1/2 Hard
- **Contact Material:** Beryllium Copper Alloy 172, HT
- **Dimensions:** Millimeters
- **Tolerances On:**
  - Lengths: ± 0,13
  - Diameters: ± 0,051
  - Angles: ± 2°

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

**BASIC PART #**

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

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

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

- **Shell Material:** Brass Alloy 360, 1/2 Hard
- **Contact Material:** Beryllium Copper Alloy 172, HT
- **Dimensions:** Millimeters
- **Tolerances On:** Lengths: ± 0,13
  - Diameters: ± 0,051
  - Angles: ± 2°

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

**BASIC PART #**

**SPECIFY SHELL FINISH:**

- 01 5,08μm TIN/LEAD OVER NICKEL
- 02 2,54μm TIN/LEAD OVER NICKEL
- 04 2,54μm TIN OVER NICKEL (RoHS)
- 08 5,08μm TIN OVER NICKEL (RoHS)
- 15 0,25μm GOLD OVER NICKEL (RoHS)
- 27 0,76μm GOLD OVER NICKEL (RoHS)

**SELECT CONTACT:**

#10 or #11 CONTACT (DATA ON PAGE 250 & 251)

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

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

RECEPTACLES ON TAPE & REEL PACKAGING

1407
1407-0-57-XX-11-XX-10-0
Solder mount in 1,02 min. mounting hole
16mm wide X 8mm pitch carrier tape: 1,500 parts per 330mm reel.

0569
0569-0-57-XX-11-XX-10-0
Solder mount in 1,02 min. mounting hole
16mm wide X 8mm pitch carrier tape: 2,000 parts per 330mm reel.

0552
0552-0-57-XX-11-XX-10-0
Solder mount in 1,02 min. mounting hole
16mm wide X 8mm pitch carrier tape: 1,500 parts per 330mm reel.

0553
0553-0-57-XX-11-XX-10-0
Hex press-fit in 1,04 plated through-hole
16mm wide X 8mm pitch carrier tape: 1,580 parts per 330mm reel.

8579
8579-0-57-XX-11-XX-10-0
Solder mount in 1,02 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: Millimeters
Tolerances On: Lengths: ± 0,13
Diameters: ± 0,051
Angles: ± 2 °

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

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

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

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

**FOR 0.38 - 0.56 DIAMETER PINS**

**RECEPTACLES ON TAPE & REEL PACKAGING**

---

**0548**

**0548-0-57-XX-21-XX-10-0**

Solder mount in 0.91 min. mounting hole

16mm wide X 8mm pitch carrier tape:

1,900 parts per 330mm reel.

---

**0566**

**0566-X-57-XX-21-XX-10-0**

Solder mount in 1.0 min. mounting hole

16mm wide X 8mm pitch carrier tape:

See details.

---

**3016**

**3016-0-57-XX-21-XX-10-0**

Solder mount in 0.91 min. mounting hole

16mm wide X 8mm pitch carrier tape:

1,900 parts per 330mm reel.

---

**8975**

**8975-0-57-XX-21-XX-10-0**

Solder mount in 0.91 min. mounting hole

24mm wide X 8mm pitch carrier tape:

1,200 parts per 330mm reel.

---

**8637**

**8637-0-57-XX-21-XX-10-0**

Solder mount in 0.94 min. mounting hole

16mm wide X 8mm pitch carrier tape:

2,000 parts per 330mm reel.

---

**0554**

**0554-0-57-XX-21-XX-10-0**

Solder mount in 1.02 min. mounting hole

16mm wide X 8mm pitch carrier tape:

1,850 parts per 330mm reel.

---

### SPECIFICATIONS:

- **Shell Material:** Brass Alloy 360, 1/2 Hard
- **Contact Material:** Beryllium Copper Alloy 172, HT
- **Dimensions:** Millimeters
- **Tolerances On:**
  - Lengths: ± 0.13
  - Diameters: ± 0.051
  - Angles: ± 2°

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

**BASIC PART #**

**SPECIFY SHELL FINISH:**

01 5.08μm TIN/LEAD OVER NICKEL

80 5.08μm TIN OVER NICKEL (RoHS)

15 0.25μm GOLD OVER NICKEL (RoHS)

**SPECIFY CONTACT FINISH:**

02 2.54μm TIN/LEAD OVER NICKEL

84 2.54μm TIN OVER NICKEL (RoHS)

27 0.76μm GOLD OVER NICKEL (RoHS)

**SELECT CONTACT:**

#21 CONTACT (DATA ON PAGE 251)

(For alternate contact choices, see group A, B & C on page 248)
PIN RECEPTACLES

FOR 0.38 - 0.56 DIAMETER PINS
RECEPTACLES ON TAPE & REEL PACKAGING

0550 *
0550-0-57-XX-22-XX-10-0
Solder mount in 1.32 min. mounting hole
16mm wide X 8mm pitch carrier tape:
1,700 parts per 330mm reel.

5739 *
5739-0-58-XX-12-XX-10-0
Surface mount
16mm wide X 8mm pitch carrier tape:
3,000 parts per 330mm reel.

SPECIFICATIONS:
Shell Material: Brass Alloy 360, 1/2 Hard
Contact Material: Beryllium Copper Alloy 172, HT
Dimensions: Millimeters
Tolerances On: Lengths: ± 0.13
Diameters: ± 0.051
Angles: ± 2 °

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

BASIC PART #
SPECIFY SHELL FINISH:
01 5.08μm TIN/LEAD OVER NICKEL
08 5.08μm TIN OVER NICKEL (RoHS)
15 0.25μm GOLD OVER NICKEL (RoHS)

SPECIFY CONTACT FINISH:
02 2.54μm TIN/LEAD OVER NICKEL
84 2.54μm TIN OVER NICKEL (RoHS)
27 0.76μm GOLD OVER NICKEL (RoHS)

SELECT CONTACT:
#12 or #22 CONTACT (DATA ON PAGE 252)
* (Contact may be interchanged with group B or C contact on page 248)
PIN RECEPTACLES

FOR 0.38 - 0.64 DIAMETER PINS 
RECEPTACLES ON TAPE & REEL PACKAGING

0669
0669-0-57-XX-30-XX-10-0
Solder mount in 1,52 min. mounting hole
16mm wide X 8mm pitch carrier tape:
1,700 parts per 330mm reel.

0670
0670-0-57-XX-30-XX-10-0
Solder mount in 1,52 min. mounting hole
16mm wide X 8mm pitch carrier tape:
2,000 parts per 330mm reel.

0667
0667-0-57-XX-30-XX-10-0
Solder mount in 1,45 min. mounting hole
16mm wide X 8mm pitch carrier tape:
1,700 parts per 330mm reel.

1401/3185
XXX-0-57-XX-30-XX-10-0
Solder mount in 1,4 min. mounting hole
16mm wide X 8mm pitch carrier tape:
1,700 parts per 330mm reel.

0665
0665-0-57-XX-30-XX-10-0
Solder mount in 1,55 min. mounting hole
16mm wide X 8mm pitch carrier tape:
1,580 parts per 330mm reel.

0341
0341-0-57-XX-30-XX-10-0
Solder mount in 1,85 min. mounting hole
12mm wide X 8mm pitch carrier tape:
1,400 parts per 330mm reel.

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

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

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

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

SPECIFICATIONS:
Shell Material: Brass Alloy 360, 1/2 Hard
Contact Material: Beryllium Copper Alloy 172, HT
Dimensions: Millimeters
Tolerances On: Lengths: ±0,13
Diameters: ±0,051
Angles: ±2 °

RoHS - 2 
2011/65/EU

PAGE 194.5  |  PIN RECEPTACLES
PIN RECEPTACLES

FOR 0,38 - 0,64 DIAMETER PINS
RECEPTACLES ON TAPE & REEL PACKAGING

**0660**
**0660-0-57-XX-30-XX-10-0**
Solder mount in 1,3 min. mounting hole
24mm wide X 8mm pitch carrier tape:
1,200 parts per 330mm reel.

**0673**
**0673-0-57-XX-30-XX-10-0**
Surface mount
16mm wide X 8mm pitch carrier tape:
2,300 parts per 330mm reel

**0677**
**0660-0-57-XX-30-XX-10-0**
Solder mount in 1,3 min. mounting hole
24mm wide X 8mm pitch carrier tape:
1,200 parts per 330mm reel.

**1066**
**1066-0-57-XX-30-XX-10-0**
Solder mount in 1,4 min. mounting hole
16mm wide X 8mm pitch carrier tape:
1,700 parts per 330mm reel.

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

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

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

**SELECT CONTACT:**
- #30 CONTACT (DATA ON PAGE 253)
  (For alternate contact choices, see group B & C on page 248)
**PIN RECEPTACLES**

FOR 0,38 - 0,64 DIAMETER PINS
RECEPTACLES ON TAPE & REEL PACKAGING

---

**3907**

**3907-0-58-XX-30-XX-10-0**

Surface mount
12mm wide X 8mm pitch carrier tape:
4,000 parts per 330mm reel.

---

**0680**

**0680-0-57-XX-32-XX-10-0**

Solder mount in 1,3 min. mounting hole
16mm wide X 8mm pitch carrier tape:
1,700 parts per 330mm reel.

---

**0666**

**0666-0-57-XX-32-XX-10-0**

Solder mount in 1,63 min. mounting hole
16mm wide X 8mm pitch carrier tape:
2,000 parts per 330mm reel.

---

**0555**

**0555-0-57-XX-32-XX-10-0**

Solder mount in 1,35 min. mounting hole
16mm wide X 8mm pitch carrier tape:
1,800 parts per 330mm reel.

---

**0682**

**0682-0-57-XX-32-XX-10-0**

Solder mount in 1,42 min. mounting hole
16mm wide X 8mm pitch carrier tape:
1,500 parts per 330mm reel.

---

**5342**

**5342-0-57-XX-35-XX-10-0**

Solder mount in 1,3 min. mounting hole
8mm wide X 8mm pitch carrier tape:
6,000 parts per 330mm reel.

---

**SPECIFICATIONS:**

Shell Material: Brass Alloy 360, 1/2 Hard
Contact Material: Beryllium Copper Alloy 172, HT
Dimensions: Millimeters
Tolerances On:
- Lengths: ± 0,13
- Diameters: ± 0,051
- Angles: ± 2°

---

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

**BASIC PART #**

**SPECIFY SHELL FINISH:**

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

**SPECIFY CONTACT FINISH:**

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

**SELECT CONTACT:**

#30, #32 or #35 CONTACT (DATA ON PAGE 253 & 254)

(For alternate contact choices, see group B & C on page 248)
## SPECIFICATIONS:

**Shell Material:** Brass Alloy 360, 1/2 Hard  
**Contact Material:** Beryllium Copper Alloy 172, HT  
**Dimensions:** Millimeters  
**Tolerances On:**  
- Lengths: ± 0,13  
- Diameters: ± 0,051  
- Angles: ± 2°

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

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

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

## SELECT CONTACT:

- **#31 CONTACT**  
(For alternate contact choices, see group A on page 248)
**PIN RECEPTACLES**

**FOR 0,51 - 0,81 DIAMETER PINS**

**RECEPTACLES ON TAPE & REEL PACKAGING**

### 0338

**0338-0-57-XX-15-XX-10-0**

Solder mount in 1,45 min. mounting hole 16mm wide X 8mm pitch carrier tape: 1,700 parts per 330mm reel.

![Image of 0338 receptacle]

### 0339

**0339-0-57-XX-15-XX-10-0**

Solder mount in 1,45 min. mounting hole 24mm wide X 8mm pitch carrier tape: 1,540 parts per 330mm reel.

![Image of 0339 receptacle]

### 0378

**0378-0-57-XX-15-XX-10-0**

Solder mount in 2,08 min. mounting hole 16mm wide X 8mm pitch carrier tape: 2,200 parts per 330mm reel.

![Image of 0378 receptacle]

### Specifications:

- **Shell Material**: Brass Alloy 360, 1/2 Hard
- **Contact Material**: Beryllium Copper Alloy 172, HT
- **Dimensions**: Millimeters
- **Tolerances On**:
  - Lengths: ± 0,13
  - Diameters: ± 0,051
  - Angles: ± 2°

### Order Code:

**XXXX - X - XX - XX - XX - XX - 0**

**Specify Shell Finish:**

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

**Specify Contact Finish:**

- 02 2,54μm TIN/LEAD OVER NICKEL
- 84 2,54μm TIN OVER NICKEL (RoHS)
- 27 0,76μm GOLD OVER NICKEL (RoHS)

**Select Contact:**

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

**FOR 0.56 - 0.81 DIAMETER PINS**

**RECEPTACLES ON TAPE & REEL PACKAGING**

<table>
<thead>
<tr>
<th>PIN RECEPTACLES</th>
<th>ORDER CODE: XXXX - X - XX - XX - XX - XX - 0</th>
</tr>
</thead>
<tbody>
<tr>
<td>0295</td>
<td>0295-0-57-XX-06-XX-10-0</td>
</tr>
<tr>
<td>0294</td>
<td>0294-0-57-XX-06-XX-10-0</td>
</tr>
</tbody>
</table>

Solder mount in 1.60 min. mounting hole 12mm wide X 8mm pitch carrier tape: 1,000 parts per 330mm reel.

Solder mount in 1.93 min. mounting hole 12mm wide X 8mm pitch carrier tape: 1,400 parts per 330mm reel.

---

**SPECIFICATIONS:**

- **Shell Material:** Brass Alloy 360, 1/2 Hard
- **Contact Material:** Beryllium Copper Alloy 172, HT
- **Dimensions:** Millimeters
- **Tolerances On:** Lengths: ±0.13, Diameters: ±0.051, Angles: ±2°

**ORDER CODE:**

- XXXX: Shell Finish
- X: Contact Finish
- XX: Shell Finish
- XX: Contact Finish
- XX: Shell Finish
- XX: Contact Finish
- 0: Shell Finish

**SPECIFY SHELL FINISH:**

- **01:** 5.08μm TIN/LEAD OVER NICKEL
- **80:** 5.08μm TIN OVER NICKEL (RoHS)
- **15:** 0.25μm GOLD OVER NICKEL (RoHS)

**SPECIFY CONTACT FINISH:**

- **02:** 2.54μm TIN/LEAD OVER NICKEL
- **84:** 2.54μm TIN OVER NICKEL (RoHS)
- **27:** 0.76μm GOLD OVER NICKEL (RoHS)

**SELECT CONTACT:**

- #06 CONTACT (DATA ON PAGE 255)

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

FOR 0.56 - 0.86 DIAMETER PINS AND 0.64 SQUARE PINS

RECEPTACLES ON TAPE & REEL PACKAGING

**0287**
0287-0-57-XX-16-XX-10-0
Solder mount in 1.65 min. mounting hole
8mm wide X 8mm pitch carrier tape:
3,250 parts per 330mm reel.

**0415**
0415-0-57-XX-16-XX-10-0
Solder mount in 1.6 min. mounting hole
24mm wide X 8mm pitch carrier tape:
1,500 parts per 330mm reel.

**6021**
6021-0-57-XX-16-XX-10-0
Solder mount in 1.57 min. mounting hole
24mm wide X 8mm pitch carrier tape:
1,500 parts per 330mm reel.

**8679**
8679-0-57-XX-16-XX-10-0
Solder mount in 1.80 min. mounting hole
24mm wide X 8mm pitch carrier tape:
800 parts per 330mm reel.

**0284**
0284-0-57-XX-16-XX-10-0
Solder mount in 1.78 min. mounting hole
24mm wide X 8mm pitch carrier tape:
1,200 parts per 330mm reel.

**SPECIFICATIONS:**
- **Shell Material:** Brass Alloy 360, 1/2 Hard
- **Contact Material:** Beryllium Copper Alloy 172, HT
- **Dimensions:** Millimeters
- **Tolerances On:** Lengths: ± 0.13
  Diameters: ± 0.051
  Angles: ± 2°

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

**BASIC PART #**

**SPECIFY SHELL FINISH:**

- 01 5.08µm TIN/LEAD OVER NICKEL
- 80 5.08µm TIN OVER NICKEL (RoHS)
- 15 0.25µm GOLD OVER NICKEL (RoHS)

**SPECIFY CONTACT FINISH:**

- 02 2.54µm TIN/LEAD OVER NICKEL
- 84 2.54µm TIN OVER NICKEL (RoHS)
- 27 0.76µm GOLD OVER NICKEL (RoHS)

**SELECT CONTACT:**

#16 CONTACT (DATA ON PAGE 256)
(For alternate contact choices, see group D on page 248)
0305
0305-X-57-XX-47-XX-10-0
Solder mount in 1,5/1,55 mounting hole
8mm wide or 24mm wide X 8mm pitch carrier tape: See chart for details.

<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>2,41</td>
<td>1,42</td>
</tr>
<tr>
<td>0305-1</td>
<td>2,67</td>
<td>1,47</td>
</tr>
<tr>
<td>0305-2</td>
<td>3,94</td>
<td>1,47</td>
</tr>
</tbody>
</table>

T&R Packaging

<table>
<thead>
<tr>
<th>Basic Part Number</th>
<th>Tape Width</th>
<th>Parts per 330mm 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 1,52 min. mounting hole
8mm wide X 8mm pitch carrier tape: 6,000 parts per 330mm reel.

8806
8806-0-58-XX-47-XX-10-0
Surface mount
12mm wide X 8mm pitch carrier tape: 4,000 parts per 330mm reel.

SPECIFICATIONS:
Shell Material: Brass Alloy 360, 1/2 Hard
Contact Material: Beryllium Copper Alloy 172, HT
Dimensions: Millimeters
Tolerances On: Lengths: ± 0,13
Diameters: ± 0,051
Angles: ± 2°

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

BASIC PART #

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

SPECIFY CONTACT FINISH:
02 2,54μm TIN/LEAD OVER NICKEL
08 2,54μm TIN OVER NICKEL (RoHS)
27 0,76μm GOLD OVER NICKEL (RoHS)

SELECT CONTACT:
#47 CONTACT (DATA ON PAGE 256)
(For alternate contact choices, see group D on page 248)
PIN RECEPTACLES
FOR 0,94 - 1,09 DIAMETER PINS
RECEPTACLES ON TAPE & REEL PACKAGING

7406
7406-0-57-XX-18-XX-10-0
Solder mount in 1,80 min. mounting hole
16mm wide X 8mm pitch carrier tape:
2,200 parts per 330mm reel.

8331
8331-0-57-XX-18-XX-10-0
Solder mount in 1,80 min. mounting hole
16mm wide X 8mm pitch carrier tape:
1,900 parts per 330mm reel.

0331/9353
X3XX-0-57-XX-18-XX-10-0
Solder mount in 1,80 min. mounting hole
24mm wide X 8mm pitch carrier tape:
1,000 parts per 330mm reel.

9354
9354-0-57-XX-18-XX-10-0
Solder mount in 1,80 min. mounting hole
12mm wide X 8mm pitch carrier tape:
1,400 parts per 330mm reel.

6628
6628-0-58-XX-18-XX-10-0
Surface mount
12mm wide X 8mm pitch carrier tape:
3,700 parts per 330mm reel.

3520
3520-0-57-XX-18-XX-10-0
Solder mount in 0,70 min. mounting hole
16mm wide X 8mm pitch carrier tape:
2,750 parts per 330mm 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: Millimeters
Tolerances On:
Lengths: ± 0,13
Diameters: ± 0,051
Angles: ± 2°

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

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

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

FOR 0.81 - 1.17 DIAMETER PINS
RECEPTACLES ON TAPE & REEL PACKAGING

0327/0351/0373
03XX-057-XX-34-XX-10-0
Solder mount in 1.91 min. mounting hole
12mm wide or 24mm wide X 8mm pitch carrier tape: See chart for details

<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>5.23</td>
<td>4.57</td>
</tr>
<tr>
<td>0351-0</td>
<td>5.74</td>
<td>5.08</td>
</tr>
<tr>
<td>0373-0</td>
<td>6.86</td>
<td>6.12</td>
</tr>
</tbody>
</table>

T&R Packaging

<table>
<thead>
<tr>
<th>Basic Part Number</th>
<th>Tape Width</th>
<th>Parts per 330mm 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
8206-057-XX-34-XX-40-0
Surface mount, board edge
16mm wide X 8mm pitch carrier tape:
Packaged Vertically 1,400 parts per 330mm 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: Millimeters
Tolerances On: Lengths: ±0.13
Diameters: ±0.051
Angles: ±2 °

SPECIFY SHELL FINISH:
01 5.08μm TIN/LEAD OVER NICKEL
08 5.08μm TIN OVER NICKEL (RoHS)
15 0.25μm GOLD OVER NICKEL (RoHS)

SPECIFY CONTACT FINISH:
02 2.54μm TIN/LEAD OVER NICKEL
84 2.54μm TIN OVER NICKEL (RoHS)
27 0.76μm GOLD OVER NICKEL (RoHS)

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

FOR 0,56 - 1,07 DIAMETER PINS (#36 CONTACT)
FOR 0,81 - 1,17 DIAMETER PINS (#34 CONTACT)
RECEPTACLES ON TAPE & REEL PACKAGING

---

**SPECIFICATIONS:**

- **Shell Material:** Brass Alloy 360, 1/2 Hard
- **Contact Material:** Beryllium Copper Alloy 172, HT
- **Dimensions:** Millimeters
- **Tolerances On:**
  - Lengths: ± 0,13
  - Diameters: ± 0,051
  - Angles: ± 2°

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

**BASIC PART #**

**SPECIFY SHELL FINISH:**

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

**SPECIFY CONTACT FINISH:**

- 02 2,54µm TIN/LEAD OVER NICKEL
- 84 2,54µm TIN OVER NICKEL (RoHS)
- 27 0,76µm GOLD OVER NICKEL (RoHS)

**SELECT CONTACT:**

#34 or #36 CONTACT (DATA ON PAGE 258)
(For alternate contact choices, see group E on page 257 - 258)
**PIN RECEPTACLES**

**FOR 1.02 - 1.27 DIAMETER PINS**

**RECEPTACLES ON TAPE & REEL PACKAGING**

### 9184
9184-0-57-XX-02-XX-40-0
Bottom entry Surface mount, 2.34 min.
plated through-hole. 12mm wide X 8mm
pitch carrier tape: 1,500 parts per 330mm reel.

### 9222
9222-2-57-XX-02-XX-40-0
Bottom entry Surface mount, 2.08 min.
plated through-hole. 12mm wide X 8mm
pitch carrier tape: 1,500 parts per 330mm reel.

### 0355
0355-0-57-XX-02-XX-10-0
Solder mount in 2.59 min. mounting hole
24mm wide X 12mm pitch carrier tape:
700 parts per 330mm reel.

### SPECIFICATIONS:
- **Shell Material:** Brass Alloy 360, 1/2 Hard
- **Contact Material:** Beryllium Copper Alloy 172, HT
- **Dimensions:** Millimeters
- **Tolerances On:**
  - Lengths: ± 0.13
  - Diameters: ± 0.051
  - Angles: ± 2 °
- **RoHS - 2 2011/65/EU**

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

**SELECT CONTACT:**

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

### BASIC PART #

**SPECIFY SHELL FINISH:**
- 01 5.08µm TIN/LEAD OVER NICKEL
- 80 5.08µm TIN OVER NICKEL (RoHS)
- 15 0.25µm GOLD OVER NICKEL (RoHS)

**SPECIFY CONTACT FINISH:**
- 02 2.54µm TIN/LEAD OVER NICKEL
- 84 2.54µm TIN OVER NICKEL (RoHS)
- 27 0.76µm GOLD OVER NICKEL (RoHS)
PIN RECEPTACLES

FOR 1,02 - 1,52 DIAMETER PINS (#03 CONTACT)
FOR 1,22 - 1,63 DIAMETER PINS (#13 CONTACT)
RECEPTACLES ON TAPE & REEL PACKAGING

**4064**
4064-0-58-XX-03-XX-40-0
Surface mount
16mm wide X 8mm pitch carrier tape:
2,400 parts per 330mm reel.

**0435/0436**
0435X-0-57-XX-03-XX-10-0
Solder mount in 2,59 min. mounting hole
24mm wide X 8mm pitch carrier tape:
950 parts per 330mm reel.

**0372**
0372-0-57-XX-13-XX-10-0
Solder mount in 2,59 min. mounting hole
24mm wide X 8mm pitch carrier tape:
950 parts per 330mm reel.

**0364**
0364-0-57-XX-13-XX-10-0
Solder mount in 2,54 min. mounting hole
16mm wide X 8mm pitch carrier tape:
1,300 parts per 330mm reel.

**9064**
9064-0-57-XX-13-XX-10-0
Solder mount in 2,59 min. mounting hole
16mm wide X 8mm pitch carrier tape:
1,300 parts per 330mm reel.

**SPECIFICATIONS:**
- **Shell Material:** Brass Alloy 360, 1/2 Hard
- **Contact Material:** Beryllium Copper Alloy 172, HT
- **Dimensions:** Millimeters
- **Tolerances On:**
  - Lengths: ± 0,13
  - Diameters: ± 0,051
  - Angles: ± 2°

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

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

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

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

**FOR 1,14 - 1,65 DIAMETER PINS**
**RECEPTACLES ON TAPE & REEL PACKAGING**

**9372**
9372-0-57-XX-23-XX-10-0
Solder mount in 2,59 min. mounting hole
16mm wide X 8mm pitch carrier tape:
2,400 parts per 330mm reel.

**9401**
9401-0-57-XX-23-XX-10-0
Solder mount in 2,59 min. mounting hole
24mm wide X 8mm pitch carrier tape:
1,100 parts per 330mm reel.

**8829**
8829-0-57-XX-23-XX-10-0
Solder mount in 2,59 min. mounting hole
24mm wide X 8mm pitch carrier tape:
950 parts per 330mm reel.

**9801**
9801-0-57-XX-23-XX-10-0
Solder mount in 2,59 min. mounting hole
16mm wide X 8mm pitch carrier tape:
1,200 parts per 330mm reel.

**SPECIFICATIONS:**
- **Shell Material:** Brass Alloy 360, 1/2 Hard
- **Contact Material:** Beryllium Copper Alloy 172, HT
- **Dimensions:** Millimeters
- **Tolerances On:**
  - Lengths: ± 0,13
  - Diameters: ± 0,051
  - Angles: ± 2 °

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

**BASIC PART #**

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

**SPECIFY CONTACT FINISH:**
- 02 2,54μm TIN/LEAD OVER NICKEL
- 08 2,54μm TIN OVER NICKEL (RoHS)
- 27 0,76μm GOLD OVER NICKEL (RoHS)

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

FOR 1.65 - 2.08 DIAMETER PINS (#07 CONTACT)
FOR 2.13 - 2.59 DIAMETER PINS (#08 CONTACT)
RECEPTACLES ON TAPE & REEL PACKAGING

0393 0393-0-57-XX-07-XX-10-0
Solder mount in 3.66 min. mounting hole
32mm wide X 12mm pitch carrier tape:
490 parts per 330mm reel.

0390 0390-0-57-XX-08-XX-10-0
Solder mount in 3.66 min. mounting hole
44mm wide X 12mm pitch carrier tape:
425 parts per 330mm reel.

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

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

BASIC PART #
SPECIFY SHELL FINISH:
01 200 μ” TIN/LEAD OVER NICKEL
80 200 μ” TIN OVER NICKEL (RoHS)
15 10 μ” GOLD OVER NICKEL (RoHS)

SPECIFY CONTACT FINISH:
01 200 μ” TIN/LEAD OVER NICKEL
80 200 μ” TIN OVER NICKEL (RoHS)
27 30 μ” GOLD OVER NICKEL (RoHS)

SELECT CONTACT:
#07 or #08 CONTACT (DATA ON PAGE 261 & 262)
(For alternate contact choices, see group H on page 248)
PIN RECEPTACLES
WITH ORGANIC FIBRE PLUG® SOLDER BARRIER
(SEE SPECIFIC CONTACT RANGE ON PAGES 250, 251 & 253)

4428
4428-0-67-XX-04-XX-10-0
Solder mount in Ø 0.81 max. PTH
#04 Contact for Ø 0.20 - 0.33 pins
16mm wide X 8mm pitch carrier tape:
3,400 parts per 330mm reel.

5359
5359-0-67-XX-10-XX-10-0
Solder mount in Ø 1.09 ± 0.08 PTH
#10 Contact for Ø 0.30 - 0.43 pins
16mm wide X 8mm pitch carrier tape:
3,000 parts per 330mm reel.

0577
0577-0-67-XX-21-XX-10-0
Solder mount in Ø 1.14 ± 0.08 PTH
#21 Contact for Ø 0.38 - 0.56 pins
12mm wide X 8mm pitch carrier tape:
3,000 parts per 330mm reel.

4015
4015-0-67-XX-30-XX-10-0
Solder mount in Ø 1.45 ± 0.08 PTH
#30 Contact for Ø 0.38 - 0.64 pins
8mm wide X 8mm pitch carrier tape:
5,500 parts per 330mm reel.

0337
0337-0-67-XX-15-XX-10-0
Solder mount in Ø 1.68 ± 0.08 PTH
#15 Contact for Ø 0.51 - 0.81 pins
8mm wide X 8mm pitch carrier tape:
6,000 parts per 330mm reel.

4280
4280-0-67-XX-16-XX-10-0
Solder mount in Ø 1.7 ± 0.08 PTH
#16 Contact for Ø 0.56 - 0.86 pins
8mm wide X 8mm pitch carrier tape:
6,000 parts per 330mm reel.

SPECIFICATIONS:
Shell Material: Brass Alloy 360, 1/2 Hard
Contact Material: Beryllium Copper Alloy 172, HT
Solder Barrier: Organic Fibre Plug®
Dimensions: Millimeters
Tolerances On: Lengths: ± 0.13
Diameters: ± 0.051
Angles: ± 2°

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

BASIC PART #
SPECIFY PACKAGING:
43 Discrete Receptacles
67 Supplied on 330mm Reels

SPECIFY SHELL FINISH:
01 5,08µm TIN/LEAD OVER NICKEL
80 5,08µm TIN OVER NICKEL (RoHS)

SPECIFY CONTACT FINISH:
27 0,76µm GOLD OVER NICKEL (RoHS)
02 2,54µm TIN/LEAD OVER NICKEL
84 2,54µm 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 1.7 ± 0.08 PTH
#16 Contact for Ø 0.56 - 0.86 pins
16mm wide X 8mm pitch carrier tape:
2,200 parts per 330mm reel.

**0332**
0332-0-67-XX-18-XX-10-0
Solder mount in Ø 2.01 ± 0.08 PTH
#18 Contact for Ø 0.94 - 1.09 pins
16mm wide X 8mm pitch carrier tape:
2,200 parts per 330mm reel.

**0479**
0479-0-67-XX-34-XX-10-0
Solder mount in Ø 1.96 ± 0.08 PTH
#34 Contact for Ø 0.81 - 1.17 pins
16mm wide X 8mm pitch carrier tape:
2,200 parts per 330mm reel.

**0375**
0375-0-67-XX-02-XX-10-0
Solder mount in Ø 2.21 ± 0.08 PTH
#02 Contact for Ø 1.02 - 1.27 pins
12mm wide X 8mm pitch carrier tape:
4,500 parts per 330mm reel.

**0384**
0384-0-67-XX-23-XX-10-0
Solder mount in Ø 2.67 ± 0.08 PTH
#23 Contact for Ø 1.14 - 1.65 pins
12mm wide X 8mm pitch carrier tape:
2,000 parts per 330mm reel.

**0353**
0353-0-67-XX-03-XX-10-0
Solder mount in Ø 2.69 ± 0.08 PTH
#03 Contact for Ø 1.02 - 1.52 pins
12mm wide X 8mm pitch carrier tape:
1,300 parts per 330mm reel.

**SPECIFICATIONS:**
Shell Material: Brass Alloy 360, 1/2 Hard
Contact Material: Beryllium Copper Alloy 172, HT
Solder Barrier: Organic Fibre Plug®
Dimensions: Millimeters
Tolerances On:
- Lengths: ± 0.13
- Diameters: ± 0.051
- Angles: ± 2°

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

**SPECIFY PACKAGING:**
- 43 Discrete Receptacles
- 67 Supplied on 330mm Reels

**SPECIFY SHELL FINISH:**
- 01 5.08μm TIN/LEAD OVER NICKEL
- 08 5.08μm TIN OVER NICKEL (RoHS)

**SPECIFY CONTACT FINISH:**
- 27 0.76μm GOLD OVER NICKEL (RoHS)
- 02 2.54μm TIN/LEAD OVER NICKEL
- 08 5.08μm 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 3,66 ± 0,08 PTH
#08 Contact for Ø 2,13 - 2,59 pins
16mm wide X 8mm pitch carrier tape:
1,700 parts per 330mm reel.

**0376**
0376-0-67-XX-07-XX-10-0
Solder mount in Ø 3,38 ± 0,08 PTH
#07 Contact for Ø 1,65 - 2,08 pins
16mm wide X 8mm pitch carrier tape:
1,500 parts per 330mm reel.

**3435**
3435-0-67-XX-47-XX-04-0
Solder mount in Ø 1,17 ± 0,08 PTH
#47 Contact for Ø 0,64 - 0,94 and 0,64
square pins. 24mm wide X 8mm pitch
carrier tape: 1,400 parts per 330mm reel.

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

**SPECIFICATIONS:**
Shell Material: Brass Alloy 360, 1/2 Hard
Contact Material: Beryllium Copper Alloy 172, HT
Solder Barrier: Organic Fibre Plug®
Dimensions: Millimeters
Tolerances On:
Lengths: ± 0,13
Diameters: ± 0,051
Angles: ± 2°

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

**CONTACT:** #07, #08 or #47 CONTACT (DATA ON PAGES 256-262)
Mill-Max’s organic fibre plug (OFP®) solder barrier receptacles are discrete sockets for through-hole soldering into printed circuit boards. These open bottom receptacles are fitted with organic fibre plugs to prevent solder paste or flux from contaminating the internal contact during the pick & place and soldering process. When the device/mating lead is plugged into the receptacle, the OFP® is knocked out allowing the mating lead to pass through the fingers of the internal contact and make a reliable electrical connection.

OFP® receptacles are available to accommodate pin diameters from 0.20 - 2.59 (See pages 196 & 197 for the full line of standard OFP® receptacles). Packaging options are bulk or tape & reel (Per EIA-481), standard reel size is 330mm. The advantage of tape & reel packaging is it allows these through-hole components to be placed simultaneously with surface mount parts on pick ‘n place assembly lines -- eliminating the need to hand place the receptacles in an additional manufacturing step. The OFP® barrier permits the sockets to be vacuum picked from the tape prior to placement in the circuit board.

The knock-out-bottom feature enables these sockets to be made relatively short compared to many similar receptacles. The reduced length means minimal protrusion through the PCB. The open bottom receptacle design eliminates the need to trim long device leads that would otherwise bottom out in a closed design.
PIN RECEPTACLES

WITH ORGANIC FIBRE PLUG® SOLDER BARRIER
(SEE SPECIFIC CONTACT RANGE ON PAGES 250, 251 & 253)

- These through-hole (tubular) receptacles are designed for hand, wave or reflow* soldering. The ORGANIC FIBRE PLUG® barrier prevents solder paste or flux from contaminating the spring contact.
- After soldering, the OFP® barrier is pushed out of the receptacle when the device is plugged in.
- All parts are available as discrete receptacles or supplied on carrier tape per EIA-481 to feed industry standard pick and place machines.

*Intrusive reflow (also called ‘pin-in-paste’) is a technique of using conventional through-hole components in a reflow soldering process. The receptacles are placed into plated through-holes in the circuit board (solder paste has previously been screen printed on pads adjacent to the holes) and the board is reflorewed 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.

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

SPECIFY PACKAGING:
- 43 Discrete Receptacles
- 67 Supplied on 330mm Reels

SPECIFY SHELL FINISH:
- 01 5,08μm TIN/LEAD OVER NICKEL
- 02 5,08μm TIN OVER NICKEL (RoHS)

SPECIFY CONTACT FINISH:
- 07 0,76μm GOLD OVER NICKEL (RoHS)
- 02 2,54μm TIN/LEAD OVER NICKEL
- 04 2,54μm TIN OVER NICKEL (RoHS)

CONTACT: #04, #10, #21 or #30 (CONTACT (DATA 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: Millimeters

Tolerances On: Lengths: ± 0,13
Diameters: ± 0,051
Angles: ± 2°
PIN RECEPTACLES
WITH ORGANIC FIBRE PLUG® SOLDER BARRIER
(SEE SPECIFIC CONTACT RANGE ON PAGES 254 - 262)

<table>
<thead>
<tr>
<th>Code</th>
<th>Description</th>
<th>Specifications</th>
<th>Detail</th>
</tr>
</thead>
<tbody>
<tr>
<td>0337</td>
<td>0337-0-XX-15-XX-10-0</td>
<td>Solder mount in Ø 1,68 ± 0,08 PTH 15 Contact for Ø 0,51 - 0,81 pins</td>
<td></td>
</tr>
<tr>
<td>4280</td>
<td>4280-0-XX-16-XX-10-0</td>
<td>Solder mount in Ø 1,7 ± 0,08 PTH 16 Contact for Ø 0,56 - 0,86 pins</td>
<td></td>
</tr>
<tr>
<td>5280</td>
<td>5280-0-XX-16-XX-40-0</td>
<td>Solder mount in Ø 1,7 ± 0,08 PTH 16 Contact for Ø 0,56 - 0,86 pins</td>
<td></td>
</tr>
<tr>
<td>0332</td>
<td>0332-0-XX-18-XX-10-0</td>
<td>Solder mount in Ø 2,01 ± 0,08 PTH 18 Contact for Ø 0,94 - 1,09 pins</td>
<td></td>
</tr>
<tr>
<td>0479</td>
<td>0479-0-XX-34-XX-10-0</td>
<td>Solder mount in Ø 1,96 ± 0,08 PTH 34 Contact for Ø 0,81 - 1,17 pins</td>
<td></td>
</tr>
<tr>
<td>0375</td>
<td>0375-0-XX-02-XX-10-0</td>
<td>Solder mount in Ø 2,21 ± 0,08 PTH 02 Contact for Ø 1,02 - 1,27 pins</td>
<td></td>
</tr>
<tr>
<td>0353</td>
<td>0353-0-XX-03-XX-10-0</td>
<td>Solder mount in Ø 2,69 ± 0,08 PTH 03 Contact for Ø 1,02 - 1,52 pins</td>
<td></td>
</tr>
<tr>
<td>0384</td>
<td>0384-0-XX-23-XX-10-0</td>
<td>Solder mount in Ø 2,67 ± 0,08 PTH 23 Contact for Ø 1,14 - 1,65 pins</td>
<td></td>
</tr>
<tr>
<td>0376</td>
<td>0376-0-XX-07-XX-10-0</td>
<td>Solder mount in Ø 3,38 ± 0,08 PTH 07 Contact for Ø 1,65 - 2,08 pins</td>
<td></td>
</tr>
<tr>
<td>0321</td>
<td>0321-0-XX-08-XX-10-0</td>
<td>Solder mount in Ø 3,66 ± 0,08 PTH 08 Contact for Ø 2,13 - 2,59 pins</td>
<td></td>
</tr>
<tr>
<td>3435</td>
<td>3435-0-XX-47-XX-04-0</td>
<td>Solder mount in Ø 1,17 ± 0,08 PTH 47 Contact for Ø 0,64 - 0,94 &amp; 0,64Ω</td>
<td></td>
</tr>
</tbody>
</table>

**SPECIFICATIONS:**
- Shell Material: Brass Alloy 360, 1/2 Hard
- Contact Material: Beryllium Copper Alloy 172, HT
- Solder Barrier: Organic Fibre Plug®
- Dimensions: Millimeters
- Tolerances On: Lengths: ± 0,13
- Diameters: ± 0,051
- Angles: ± 2°

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

**BASIC PART #**

**SPECIFY PACKAGING:**
- 43 Discrete Receptacles
- 67 Supplied on 330mm Reels

**SPECIFY SHELL FINISH:**
- 01 5,08μm TIN/LEAD OVER NICKEL
- 02 5,08μm TIN OVER NICKEL (RoHS)
- 03 5,08μm TIN/LEAD OVER NICKEL
- 04 5,08μm TIN OVER NICKEL

**SPECIFY CONTACT FINISH:**
- 27 0,76μm GOLD OVER NICKEL (RoHS)
- 02 2,54μm TIN/LEAD OVER NICKEL
- 08 5,08μm TIN OVER NICKEL (RoHS)

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

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

<table>
<thead>
<tr>
<th>PART NUMBER</th>
<th>ORDER CODE</th>
<th>SPECIFY SHELL FINISH</th>
<th>SPECIFY CONTACT FINISH</th>
<th>SELECT CONTACT</th>
</tr>
</thead>
<tbody>
<tr>
<td>0621</td>
<td>0621-0-15-XX-04-XX-10-0</td>
<td>#04 Contact for Ø 0,20 - 0,33 pins</td>
<td>#15 0,25μm GOLD OVER NICKEL (RoHS)</td>
<td>SEE PART NUMBER FOR SPECIFIC CONTACT CALLOUT (Data on pages 250-260) (For alternate contact choices, see part number information)</td>
</tr>
<tr>
<td>0624</td>
<td>0624-0-15-XX-10-XX-10-0</td>
<td>Recommended drilled hole size: 1,25mm (0.0492)</td>
<td>#15 0,25μm GOLD OVER NICKEL (RoHS)</td>
<td></td>
</tr>
<tr>
<td>0627</td>
<td>0627-0-15-XX-21-XX-10-0</td>
<td>Recommended drilled hole size: 1,4mm (0.0551)</td>
<td>#17 Contact for Ø 0,38 - 0,51 pins</td>
<td></td>
</tr>
<tr>
<td>0630</td>
<td>0630-0-15-XX-30-XX-10-0</td>
<td>Recommended drilled hole size: 1,75mm (0.069)</td>
<td>#30 Contact for Ø 0,38 - 0,64 pins</td>
<td></td>
</tr>
<tr>
<td>0633</td>
<td>0633-0-15-XX-15-XX-10-0</td>
<td>Recommended drilled hole size: 1,85mm (0.0728)</td>
<td>#15 Contact for Ø 0,51 - 0,81 pins</td>
<td></td>
</tr>
<tr>
<td>0636</td>
<td>0636-0-15-XX-47-XX-10-0</td>
<td>Recommended drilled hole size: 2mm (0.0787)</td>
<td>#16 For Ø 0,56 - 0,86 pins and 0,64 square</td>
<td></td>
</tr>
<tr>
<td>0639</td>
<td>0639-0-15-XX-34-XX-10-0</td>
<td>Recommended drilled hole size: 2,3mm (0.0906)</td>
<td>#34 Contact for Ø 0,81 - 1,17 pins</td>
<td></td>
</tr>
<tr>
<td>0642</td>
<td>0642-0-15-XX-18-XX-10-0</td>
<td>Recommended drilled hole size: 2,3mm (0.0906)</td>
<td>#18 Contact for Ø 0,94 - 1,09 pins</td>
<td></td>
</tr>
<tr>
<td>0645</td>
<td>0645-0-15-XX-02-XX-10-0</td>
<td>Recommended drilled hole size: 2,55mm (0.1004)</td>
<td>#02 Contact for Ø 1,02 - 1,27 pins</td>
<td></td>
</tr>
<tr>
<td>0648</td>
<td>0648-0-15-XX-23-XX-10-0</td>
<td>Recommended drilled hole size: 3,15mm (0.124)</td>
<td>#23 Contact for Ø 1,14 - 1,65 pins</td>
<td></td>
</tr>
</tbody>
</table>

**SPECIFICATIONS:**

Shell Material: Brass Alloy 360, 1/2 Hard
Contact Material: Beryllium Copper Alloy 172, HT
Dimensions: Millimeters
Tolerances On: Lengths: ± 0,13
Diameters: ± 0,51
Angles: ± 2 °

**ORDER CODE:**

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

**SELECT CONTACT:**
# Wrapost Receptacles

**FOR 0.38 - 0.64 DIAMETER PINS**

## 1702/1703

**170X-X-15-XX-30-XX-02-0**

Press-fit in 1.45 mounting hole

<table>
<thead>
<tr>
<th>Basic Part Number</th>
<th># of Wraps</th>
<th>Length A</th>
</tr>
</thead>
<tbody>
<tr>
<td>1702-2</td>
<td>2</td>
<td>9.4</td>
</tr>
<tr>
<td>1703-3</td>
<td>3</td>
<td>12.95</td>
</tr>
</tbody>
</table>

## 0038⇒0040/0066⇒0068

**00XX-X-17-XX-30-XX-02-0**

Press-fit in 1.45 mounting hole

<table>
<thead>
<tr>
<th>Basic Part #</th>
<th># of Wraps</th>
<th>Length A</th>
<th>Dia. C</th>
</tr>
</thead>
<tbody>
<tr>
<td>0040-1</td>
<td>1</td>
<td>6.6</td>
<td>1.83</td>
</tr>
<tr>
<td>0039-2</td>
<td>2</td>
<td>9.14</td>
<td>1.83</td>
</tr>
<tr>
<td>0038-3</td>
<td>3</td>
<td>12.7</td>
<td>1.83</td>
</tr>
<tr>
<td>0068-1</td>
<td>1</td>
<td>6.6</td>
<td>1.57</td>
</tr>
<tr>
<td>0067-2</td>
<td>2</td>
<td>9.14</td>
<td>1.57</td>
</tr>
<tr>
<td>0066-3</td>
<td>3</td>
<td>12.7</td>
<td>1.57</td>
</tr>
</tbody>
</table>

## 0086/0088/0089

**008X-X-17-XX-30-XX-02-0**

Press-fit in 1.45 mounting hole

<table>
<thead>
<tr>
<th>Basic Part Number</th>
<th># of Wraps</th>
<th>Length A</th>
</tr>
</thead>
<tbody>
<tr>
<td>0089-2</td>
<td>2</td>
<td>9.4</td>
</tr>
<tr>
<td>0088-3</td>
<td>3</td>
<td>12.95</td>
</tr>
<tr>
<td>0086-4</td>
<td>4</td>
<td>16.0</td>
</tr>
</tbody>
</table>

## 1030⇒1036

**103X-X-17-XX-3X-XX-02-0**

Press-fit in 1.45 mounting hole

<table>
<thead>
<tr>
<th>Basic Part #</th>
<th># of Wraps</th>
<th>Length A</th>
<th>Dia. C</th>
</tr>
</thead>
<tbody>
<tr>
<td>1032-1</td>
<td>1</td>
<td>6.6</td>
<td>1.83</td>
</tr>
<tr>
<td>1031-2</td>
<td>2</td>
<td>9.14</td>
<td>1.83</td>
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<tr>
<td>1030-3</td>
<td>3</td>
<td>12.95</td>
<td>1.83</td>
</tr>
<tr>
<td>1036-1</td>
<td>1</td>
<td>6.6</td>
<td>1.57</td>
</tr>
<tr>
<td>1035-2</td>
<td>2</td>
<td>9.14</td>
<td>1.57</td>
</tr>
<tr>
<td>1034-3</td>
<td>3</td>
<td>12.95</td>
<td>1.57</td>
</tr>
</tbody>
</table>

## 1045

**1045-3-17-XX-30-XX-02-0**

Press-fit in 1.09 mounting hole

## 1040

**1040-3-17-XX-30-XX-02-0**

Press-fit in 1.42 mounting hole

## Specifications:

- **Shell Material**: Brass Alloy 360, 1/2 Hard
- **Contact Material**: Beryllium Copper Alloy 172, HT
- **Dimensions**: Millimeters
- **Tolerances On**: Lengths: ± 0.13
  Diameters: ± 0.051
  Angles: ± 2°

## Order Code:

**XXXX - X - 17 - XX - XX - 02 - 0**

**Specify Shell Finish:**
- 01 5.08μm TIN/LEAD OVER NICKEL
- 80 5.08μm TIN OVER NICKEL (RoHS)
- 15 0.25μm GOLD OVER NICKEL (RoHS)

**Specify Contact Finish:**
- 02 2.54μm TIN/LEAD OVER NICKEL
- 84 2.54μm TIN OVER NICKEL (RoHS)
- 27 0.76μm GOLD OVER NICKEL (RoHS)

**Select Contact:**

#30 or #32 (Contact [Data on Page 253]

(For alternate contact choices, see groups B and C on page 248)
# Wrapost Receptacles

## For 0.38 - 0.64 Diameter Pins

### 0444

**0444-X-17-XX-30-XX-02-0**

Press-fit in 1.42 mounting hole

<table>
<thead>
<tr>
<th>Basic Part Number</th>
<th># of Wraps</th>
<th>Length A</th>
</tr>
</thead>
<tbody>
<tr>
<td>0444-1</td>
<td>1</td>
<td>6.6</td>
</tr>
<tr>
<td>0444-2</td>
<td>2</td>
<td>9.4</td>
</tr>
<tr>
<td>0444-3</td>
<td>3</td>
<td>12.83</td>
</tr>
</tbody>
</table>

### 2601 → 2603

**260X-0-17-XX-30-XX-02-0**

Press-fit in 1.45 mounting hole

<table>
<thead>
<tr>
<th>Basic Part Number</th>
<th># of Wraps</th>
<th>Length A</th>
</tr>
</thead>
<tbody>
<tr>
<td>2601-0</td>
<td>1</td>
<td>5.89</td>
</tr>
<tr>
<td>2602-0</td>
<td>2</td>
<td>8.89</td>
</tr>
<tr>
<td>2603-0</td>
<td>3</td>
<td>11.89</td>
</tr>
</tbody>
</table>

### 0445

**0445-3-17-XX-30-XX-02-0**

Press-fit in 1.42 mounting hole

### 1047

**1047-3-17-XX-30-XX-02-0**

Press-fit in 1.42 mounting hole

### Specifications:

- **Shell Material:** Brass Alloy 360, 1/2 Hard
- **Contact Material:** Beryllium Copper Alloy 172, HT
- **Dimensions:** Millimeters
- **Tolerances On:** Lengths: ± 0.13
  Diameters: ± 0.051
  Angles: ± 2˚

### Order Code: XXXX - X - 17 - XX - 30 - XX - 02 - 0

- **Select Contact:** #30 or #32
- **Specify Shell Finish:**
  - 01 5.08μm TIN/LEAD OVER NICKEL
  - 08 5.08μm TIN OVER NICKEL (RoHS)
  - 15 0.25μm GOLD OVER NICKEL (RoHS)

- **Specify Contact Finish:**
  - 02 2.54μm TIN/LEAD OVER NICKEL
  - 84 2.54μm TIN OVER NICKEL (RoHS)
  - 27 0.76μm GOLD OVER NICKEL (RoHS)

---

(For alternate contact choices, see groups B and C on page 248)
## WRAP-POST RECEPTACLES

### FOR 0,56 - 0,81 DIAMETER PINS (#06 CONTACT)
### FOR 0,56 - 0,86 DIAMETER PINS (#16 CONTACT)

### 2297

**2297-X-17-XX-16-XX-02-0**  
Press-fit in 1,70 mounting hole

<table>
<thead>
<tr>
<th>Basic Part Number</th>
<th># of Wraps</th>
<th>Length A</th>
</tr>
</thead>
<tbody>
<tr>
<td>2297-2</td>
<td>2</td>
<td>9,4</td>
</tr>
<tr>
<td>2297-3</td>
<td>3</td>
<td>10,92</td>
</tr>
</tbody>
</table>

### 0280

**0280-X-17-XX-06-XX-02-0**  
Press-fit in 2,06 mounting hole

<table>
<thead>
<tr>
<th>Basic Part Number</th>
<th># of Wraps</th>
<th>Length A</th>
</tr>
</thead>
<tbody>
<tr>
<td>0280-2</td>
<td>2</td>
<td>9,14</td>
</tr>
<tr>
<td>0280-3</td>
<td>3</td>
<td>12,95</td>
</tr>
</tbody>
</table>

### 0281

**0281-3-17-XX-06-XX-02-0**  
Press-fit in 2,03 mounting hole

### SPECIFICATIONS:

- **Shell Material**: Brass Alloy 360, 1/2 Hard  
- **Contact Material**: Beryllium Copper Alloy 172, HT  
- **Dimensions**: Millimeters  
- **Tolerances On**:  
  - Lengths: ± 0,13  
  - Diameters: ± 0,051  
  - Angles: ± 2°  
  - **RoHS**: **- 2 2011/65/EU**

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

### BASİC PART #

**SPECIFY SHELL FINISH:**

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

### SPECIFY CONTACT FINISH:

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

### SELECT CONTACT:

- **#06 or #16 CONTACT** (DATA ON PAGES 255 & 256)  
  (For alternate contact choices, see group D on page 248)
## WRAPPOST RECEPTACLES

### FOR 0.81 - 1.17 DIAMETER PINS

<table>
<thead>
<tr>
<th>Basic Part Number</th>
<th># of Wraps</th>
<th>Length</th>
</tr>
</thead>
<tbody>
<tr>
<td>1053-2</td>
<td>2</td>
<td>9.14</td>
</tr>
<tr>
<td>1052-3</td>
<td>3</td>
<td>13.08</td>
</tr>
</tbody>
</table>

### 1052/1053

105X-X-17-XX-34-XX-02-0

Press-fit in 2.11 mounting hole

### 0383

0383-X-17-XX-34-XX-02-0

Swage mount in 2.39 hole

<table>
<thead>
<tr>
<th>Basic Part Number</th>
<th>Board Thickness</th>
<th>Length</th>
</tr>
</thead>
<tbody>
<tr>
<td>0383-1</td>
<td>1.57</td>
<td>2.39</td>
</tr>
<tr>
<td>0383-2</td>
<td>2.39</td>
<td>3.18</td>
</tr>
<tr>
<td>0383-3</td>
<td>3.18</td>
<td>3.96</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Basic Part Number</th>
<th>Board Thickness</th>
<th>Length</th>
</tr>
</thead>
<tbody>
<tr>
<td>0382-1</td>
<td>1.57</td>
<td>2.39</td>
</tr>
<tr>
<td>0382-2</td>
<td>2.39</td>
<td>3.18</td>
</tr>
<tr>
<td>0382-3</td>
<td>3.18</td>
<td>3.96</td>
</tr>
</tbody>
</table>

### SPECIFICATIONS:

- **Shell Material:** Brass Alloy 360, 1/2 Hard
- **Contact Material:** Beryllium Copper Alloy 172, HT
- **Dimensions:** Millimeters
- **Tolerances On:**
  - Lengths: ±0.13
  - Diameters: ±0.051
  - Angles: ±2°

### ORDER CODE: XXXX - X - 17 - XX - 34 - XX - 02 - 0

**SPECIFY SHELL FINISH:**

- 01 5.08μm TIN/LEAD OVER NICKEL
- 80 5.08μm TIN OVER NICKEL (RoHS)
- 15 0.25μm GOLD OVER NICKEL (RoHS)

**SPECIFY CONTACT FINISH:**

- 01 5.08μm TIN/LEAD OVER NICKEL
- 80 5.08μm TIN OVER NICKEL (RoHS)
- 27 0.76μm GOLD OVER NICKEL (RoHS)

**SELECT CONTACT:**

#34 CONTACT (DATA ON PAGE 258)

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