MALE PCB PINS
MILL-MAX PRINTED CIRCUIT PINS ARE MACHINED INDIVIDUAL PINS USED FOR VARIOUS PLUG-IN APPLICATIONS AND ARE FUNCTIONALLY THE DYNAMIC BUILDING BLOCKS WITHIN AN INTERCONNECT SYSTEM.

Mill-Max offers a variety of pins in a broad range of diameters as well as turret, slotted, bifurcated (forked), soldercup and wrapost style pins. They are commonly fastened to printed circuit boards or other housings by being press-fit, swaged (riveted) or soldered.

PCB pins serve not only as a conductive path for an electrical circuit, but provide strength to an assembly module as a mechanical interface. Mill-Max Mfg. Corp. has developed thousands of state-of-the-art “basic pin” designs, featuring pin barrel geometries for our customers who require outside-the-box solutions to their interconnect needs.

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

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

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

### PRINTED CIRCUIT PINS • NAIL HEAD TYPE

<table>
<thead>
<tr>
<th>PART NUMBER</th>
<th>ORDER CODE</th>
<th>DIMENSIONS</th>
<th>TOLERANCES</th>
<th>FINISHES</th>
</tr>
</thead>
<tbody>
<tr>
<td>9050</td>
<td>9050-00-XX-00-00-33-0</td>
<td>.025 DIA.</td>
<td>± .005</td>
<td>TIN/LEAD OVER NICKEL</td>
</tr>
<tr>
<td>4184</td>
<td>4184-00-XX-00-00-33-0</td>
<td>.030 DIA.</td>
<td>± .002</td>
<td>TIN/LEAD OVER NICKEL</td>
</tr>
<tr>
<td>4825</td>
<td>4825-00-XX-00-00-33-0</td>
<td>.010 DIA.</td>
<td>± .002</td>
<td>TIN OVER NICKEL (RoHS)</td>
</tr>
<tr>
<td>4288</td>
<td>4288-00-XX-00-00-33-0</td>
<td>.010 DIA.</td>
<td>± .002</td>
<td>TIN OVER NICKEL (RoHS)</td>
</tr>
<tr>
<td>4353</td>
<td>4353-00-XX-00-00-33-0</td>
<td>.030 DIA.</td>
<td>± .002</td>
<td>TIN/LEAD OVER NICKEL</td>
</tr>
<tr>
<td>6083</td>
<td>6083-00-XX-00-00-03-0</td>
<td>.035 DIA.</td>
<td>± .002</td>
<td>TIN OVER NICKEL (RoHS)</td>
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<tr>
<td>4689</td>
<td>4689-00-XX-00-00-33-0</td>
<td>.020 DIA.</td>
<td>± .002</td>
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<tr>
<td>4068</td>
<td>4068-00-XX-00-00-33-0</td>
<td>.018 DIA.</td>
<td>± .002</td>
<td>TIN OVER NICKEL (RoHS)</td>
</tr>
<tr>
<td>5063</td>
<td>5063-00-XX-00-00-33-0</td>
<td>.036 DIA.</td>
<td>± .002</td>
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<tr>
<td>6547</td>
<td>6547-00-XX-00-00-33-0</td>
<td>.035 DIA.</td>
<td>± .002</td>
<td>TIN OVER NICKEL (RoHS)</td>
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<tr>
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<td>.040 DIA.</td>
<td>± .002</td>
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<tr>
<td>9185</td>
<td>9185-00-XX-00-00-33-0</td>
<td>.022 DIA.</td>
<td>± .002</td>
<td>TIN OVER NICKEL (RoHS)</td>
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</tbody>
</table>

**SPECIFICATIONS:**
- **Pin Material:** Brass Alloy 360, 1/2 Hard (Except where noted)
- **Dimensions:** Inches
- **Tolerances On:**
  - Lengths: ± .005
  - Diameters: ± .002
  - Angles: ± 2°

**ORDER CODE:** XXXX - X - 00 - XX - 00 - 00 - XX - 0

**BASIC PART #**

**SPECIFY PIN FINISH:**
- 01 200 μ” TIN/LEAD OVER NICKEL
- 80 200 μ” TIN OVER NICKEL (RoHS)
- 15 10 μ” GOLD OVER NICKEL (RoHS)
- 21 20 μ” GOLD OVER NICKEL (RoHS)
- 34 50 μ” GOLD OVER NICKEL (RoHS)
MALE PCB PINS

PRINTED CIRCUIT PINS • NAIL HEAD TYPE

SPECIFICATIONS:
Pin Material: Brass Alloy 360, 1/2 Hard
(Except where noted)
Dimensions: Inches
Tolerances On:
- Lengths: ± .005
- Diameters: ± .002
- Angles: ± 2°

ORDER CODE: XXXX - X - 00 - XX - 00 - 00 - XX - 0

SPECIFY PIN FINISH:
- 01 200 μ” TIN/LEAD OVER NICKEL
- 80 200 μ” TIN OVER NICKEL (RoHS)
- 15 10 μ” GOLD OVER NICKEL (RoHS)
- 21 20 μ” GOLD OVER NICKEL (RoHS)
- 34 50 μ” GOLD OVER NICKEL (RoHS)

BASIC PART #
**SPECIFICATIONS:**

- **Pin Material:** Brass Alloy 360, 1/2 Hard (Except where noted)

- **Dimensions:** Inches

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

**ORDER CODE:** XXXX - X - 00 - XX - 00 - 00 - XX - 00

**ORDER CODE:** XXXX - X - 00 - XX - 00 - 00 - XX - 00

**SPECIFY PIN FINISH:**

- **01** 200 μ” TIN/LEAD OVER NICKEL
- **08** 200 μ” TIN OVER NICKEL (RoHS)
- **15** 10 μ” TIN OVER NICKEL (RoHS)
- **21** 20 μ” GOLD OVER NICKEL (RoHS)
- **34** 50 μ” GOLD OVER NICKEL (RoHS)
MALE PCB PINS

PRINTED CIRCUIT PINS • NAIL HEAD TYPE

### SPECIFICATIONS:
- **Pin Material:** Brass Alloy 360, 1/2 Hard (Except where noted)
- **Dimensions:** Inches
- **Tolerances On:**
  - Lengths: ± .005
  - Diameters: ± .002
  - Angles: ± 2°

**Order Code:** XXXX-0-00-XX-00-00-XX-00

**Basic Part #**

**Specifies Pin Finish:**
- 01 200 µ" TIN/LEAD OVER NICKEL
- 08 200 µ" TIN OVER NICKEL (RoHS)
- 15 10 µ" GOLD OVER NICKEL (RoHS)
- 21 20 µ" GOLD OVER NICKEL (RoHS)
- 34 50 µ" GOLD OVER NICKEL (RoHS)

**Basic Part Numbers and Lengths:**

<table>
<thead>
<tr>
<th>Basic Part</th>
<th>Length</th>
</tr>
</thead>
<tbody>
<tr>
<td>6095-0</td>
<td>.580</td>
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<tr>
<td>6095-1</td>
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<tr>
<td>2381-0</td>
<td>.580</td>
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<tr>
<td>2381-1</td>
<td>.475</td>
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</tbody>
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**Examples of Male PCB Pins:**

- **8330**
  - Solder mount in .044 mounting hole
  - Also available on 24mm wide carrier tape: 610 parts per 13" reel.
  - See page 224.2 for Tape & Reel details

- **9872**
  - Solder mount in .049 mounting hole

- **6092**
  - Solder mount in .044 mounting hole

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**Rohs - 2011/65/EU**
# Male PCB Pins

## Printed Circuit Pins • Nail Head Type

**Specifications:**

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

(Except where noted)

**Dimensions:** Inches

**Tolerances On:**
- Lengths: ± 0.005
- Diameters: ± 0.002
- Angles: ± 2°

**RoHS - 2 2011/65/EU**

**Order Code:** XXXX - X - 00 - XX - 00 - 00 - XX - 0

**Basic Part #**

**Specify Pin Finish:**
- 01 200 μ” Tin/Lead over Nickel
- 80 200 μ” Tin over Nickel (RoHS)
- 15 10 μ” Gold over Nickel (RoHS)
- 21 20 μ” Gold over Nickel (RoHS)
- 34 50 μ” Gold over Nickel (RoHS)

<table>
<thead>
<tr>
<th>Part Number</th>
<th>Description</th>
<th>Dimensions</th>
<th>P.C.B. Layout</th>
</tr>
</thead>
<tbody>
<tr>
<td>4541</td>
<td>4541-0-00-XX-00-00-03-0</td>
<td>.025 DIA.</td>
<td>.020 DIA.</td>
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<tr>
<td></td>
<td>Solder mount in .022 mounting hole</td>
<td>.098 DIA.</td>
<td>.018 DIA.</td>
</tr>
<tr>
<td>6142</td>
<td>6142-0-00-XX-00-00-33-0</td>
<td>.100 DIA.</td>
<td>.060 DIA.</td>
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<tr>
<td></td>
<td>Solder mount in .064 mounting hole</td>
<td>.020 DIA.</td>
<td>.049 DIA.</td>
</tr>
<tr>
<td>5910</td>
<td>5910-0-00-XX-00-00-03-0</td>
<td>.110 DIA.</td>
<td>.080 DIA.</td>
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<tr>
<td></td>
<td>Solder mount in .084 mounting hole</td>
<td>.020 DIA.</td>
<td>.025 DIA.</td>
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<tr>
<td>9022</td>
<td>9022-0-00-XX-00-00-33-0</td>
<td>.125 DIA.</td>
<td>.062 DIA.</td>
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<tr>
<td></td>
<td>Solder mount in .066 mounting hole</td>
<td>.025 DIA.</td>
<td>.185 DIA.</td>
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</table>

8086 8086-0-00-XX-00-00-33-0
Solder mount in .079 mounting hole
Also available on 12mm wide carrier tape: 550 parts per 13” reel.
See page 224.4 for Tape & Reel details

8086 8086-0-00-XX-00-00-33-0
Surface mount
Also available on 24mm wide carrier tape: 450 parts per 13” reel.
See page 224.4 for Tape & Reel details

4541 4541-0-00-XX-00-00-03-0
Solder mount in .022 mounting hole

6142 6142-0-00-XX-00-00-33-0
Solder mount in .064 mounting hole

5910 5910-0-00-XX-00-00-03-0
Solder mount in .084 mounting hole

9022 9022-0-00-XX-00-00-33-0
Solder mount in .066 mounting hole
Also available on 24mm wide carrier tape: 1,500 parts per 13” reel.
See page 224.3 for Tape & Reel details

9270 9270-0-00-XX-00-00-03-0
Solder mount in .066 mounting hole
Also available on 12mm wide carrier tape: 550 parts per 13” reel.
See page 224.4 for Tape & Reel details
### Straight Pins

**MALE PCB PINS**

#### 3320

<table>
<thead>
<tr>
<th>Basic Part Number</th>
<th>Length</th>
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<tbody>
<tr>
<td>3320-0</td>
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<td>3320-1</td>
<td>.500</td>
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#### 3325/6527

<table>
<thead>
<tr>
<th>Basic Part Number</th>
<th>Length</th>
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<tbody>
<tr>
<td>3325-0</td>
<td>.250</td>
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<tr>
<td>3325-1</td>
<td>.500</td>
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<td>3325-2</td>
<td>.750</td>
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<tr>
<td>6527-0</td>
<td>.420</td>
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#### 3330

<table>
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<tr>
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<td>3330-1</td>
<td>.500</td>
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<td>3330-2</td>
<td>.750</td>
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#### 3340

<table>
<thead>
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<th>Length</th>
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<tbody>
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<tr>
<td>3340-1</td>
<td>.500</td>
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<tr>
<td>3340-2</td>
<td>.750</td>
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#### 3560

<table>
<thead>
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<th>Length</th>
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<tbody>
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<td>3560-1</td>
<td>.500</td>
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<tr>
<td>3560-2</td>
<td>.750</td>
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#### 3580

<table>
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<tbody>
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<tr>
<td>3580-1</td>
<td>.500</td>
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<tr>
<td>3580-2</td>
<td>.750</td>
</tr>
</tbody>
</table>

### Specifications:

**Pin Material:** Brass Alloy 360, 1/2 Hard (Except where noted)

**Dimensions:** Inches

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

**ORDER CODE:** XXXX - X - 00 - XX - 00 - 00 - 03 - 0

**BASIC PART #**

**SPECIFY PIN FINISH:**
- 80 200 µ” TIN OVER NICKEL (RoHS)
- 15 10 µ” GOLD OVER NICKEL (RoHS)
### MALE PCB PINS

#### RIGHT ANGLE PINS

<table>
<thead>
<tr>
<th>Model</th>
<th>Order Code</th>
<th>Description</th>
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</thead>
<tbody>
<tr>
<td>3720</td>
<td>3720-0-14-XX-00-00-03-0</td>
<td>Right Angle Bent Pin</td>
</tr>
<tr>
<td>3725</td>
<td>3725-0-14-XX-00-00-03-0</td>
<td>Right Angle Bent Pin</td>
</tr>
<tr>
<td>3730</td>
<td>3730-0-14-XX-00-00-03-0</td>
<td>Right Angle Bent Pin</td>
</tr>
<tr>
<td>3740</td>
<td>3740-0-14-XX-00-00-03-0</td>
<td>Right Angle Bent Pin</td>
</tr>
</tbody>
</table>

**SPECIFICATIONS:**

- **Pin Material:** Brass Alloy 360, 1/2 Hard (Except where noted)
- **Dimensions:** Inches
- **Tolerances On:**
  - Lengths: ± .005
  - Diameters: ± .002
  - Angles: ± 2°

**ORDER CODE:** 37XX - X - 00 - XX - 00 - 00 - 03 - 0

**BASIC PART #**

**SPECIFY PIN FINISH:**

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

Pin Material: Brass Alloy 360, 1/2 Hard  
(Except where noted)

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

**ORDER CODE:** XXXX - X - 00 - XX - 00 - 00 - 0X - 0

**BASIC PART #**

**SPECIFY PIN FINISH:**

- 01 200 μ" TIN/LEAD OVER NICKEL  
- 80 200 μ" TIN OVER NICKEL (RoHS)  
- 15 10 μ" GOLD OVER NICKEL (RoHS)  
- 21 20 μ" GOLD OVER NICKEL (RoHS)  
- 34 50 μ" GOLD OVER NICKEL (RoHS)
### MALE PCB PINS

#### PRINTED CIRCUIT PINS

**SPECIFICATIONS:**

<table>
<thead>
<tr>
<th>Basic Part Number</th>
<th>Pin Length A</th>
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<tbody>
<tr>
<td>0912-0</td>
<td>.313</td>
</tr>
<tr>
<td>7912-0</td>
<td>.510</td>
</tr>
</tbody>
</table>

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

(Except swage pins which are annealed)

**Dimensions:** Inches

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

**ORDER CODE:** XXXX - X - 0X - XX - 00 - 00 - XX - 0

**SPECIFY PIN FINISH:**

- 01 200 μ" TIN/LEAD OVER NICKEL
- 08 200 μ" TIN OVER NICKEL (RoHS)
- 10 10 μ" GOLD OVER NICKEL (RoHS)
- 20 20 μ" GOLD OVER NICKEL (RoHS)
- 34 50 μ" GOLD OVER NICKEL (RoHS)

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**5421**

5421-0-00-XX-00-00-03-0  
Solder mount in .023 or .021 mounting hole

**7069**

7069-0-00-XX-00-00-03-0  
Solder mount in .044 or .024 mounting hole

**5247**

5247-0-00-XX-00-00-03-0  
Solder mount in .035 mounting hole

**6136**

6136-0-00-XX-00-00-03-0  
Solder mount in .044 or .034 mounting hole

**0912/7912**

0912-0-00-XX-00-00-03-0  
Press-fit in .057 mounting hole

**8836**

8836-0-00-XX-00-00-03-0  
Press-fit in .075 mounting hole

**6298**

6298-0-00-XX-00-00-03-0  
Press-fit in .083 mounting hole

**1130**

1130-0-00-XX-00-00-03-0  
Press-fit in .057 mounting hole  
Pin material is Phosphor Bronze 544 (B2)

**6711**

6711-0-00-XX-00-00-03-0  
Solder mount in .043 mounting hole

**1980**

1980-0-00-XX-00-00-03-0  
Surface mount, Target Connector  
Also available on carrier tape: 1,450 parts per 13" reel  
Order as: 319-10-1XX-40-020001  
1,450 parts per 13" reel  
See page 87.4 for Tape & Reel details

**8836**

8836-0-00-XX-00-00-03-0  
Press-fit in .075 mounting hole

**6298**

6298-0-00-XX-00-00-03-0  
Press-fit in .083 mounting hole

**1130**

1130-0-00-XX-00-00-03-0  
Press-fit in .057 mounting hole

**6711**

6711-0-00-XX-00-00-03-0  
Solder mount in .043 mounting hole

**1980**

1980-0-00-XX-00-00-03-0  
Surface mount, Target Connector  
Also available on carrier tape: 1,450 parts per 13" reel  
Order as: 319-10-1XX-40-080001  
1,450 parts per 13" reel  
See page 87.4 for Tape & Reel details

---

**6136**

6136-0-00-XX-00-00-03-0  
Solder mount in .044 or .034 mounting hole

---

**5247**

5247-0-00-XX-00-00-03-0  
Solder mount in .035 mounting hole

---

**6711**

6711-0-00-XX-00-00-03-0  
Solder mount in .043 mounting hole

---

**1980**

1980-0-00-XX-00-00-03-0  
Surface mount, Target Connector  
Also available on carrier tape: 1,450 parts per 13" reel  
Order as: 319-10-1XX-40-080001  
1,450 parts per 13" reel  
See page 87.4 for Tape & Reel details

---

**6298**

6298-0-00-XX-00-00-03-0  
Press-fit in .083 mounting hole

---

**1130**

1130-0-00-XX-00-00-03-0  
Press-fit in .057 mounting hole  
Pin material is Phosphor Bronze 544 (B2)

---

**6711**

6711-0-00-XX-00-00-03-0  
Solder mount in .043 mounting hole

---

**1980**

1980-0-00-XX-00-00-03-0  
Surface mount, Target Connector  
Also available on carrier tape: 1,450 parts per 13" reel  
Order as: 319-10-1XX-40-080001  
1,450 parts per 13" reel  
See page 87.4 for Tape & Reel details
### MALE PCB PINS

#### PRINTED CIRCUIT PINS

<table>
<thead>
<tr>
<th>Part Number</th>
<th>Length <strong>A</strong></th>
<th>Length <strong>L</strong></th>
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<tr>
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<td>.125</td>
<td>.359</td>
</tr>
<tr>
<td>9036-0</td>
<td>.175</td>
<td>.359</td>
</tr>
<tr>
<td>3790-0</td>
<td>.142</td>
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<td>9051-0</td>
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<td>6109-0</td>
<td>.142</td>
<td>.361</td>
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<td>9159-0</td>
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<td>4366-0</td>
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<td>.693</td>
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<td>4397-0</td>
<td>.361</td>
<td>.693</td>
</tr>
<tr>
<td>5344-0</td>
<td>.361</td>
<td>.693</td>
</tr>
</tbody>
</table>

**SPECIFICATIONS:**

- **Pin Material:** Brass Alloy 360, 1/2 Hard (Except where noted)
- **Dimensions:** Inches
- **Tolerances On:**
  - Lengths: ±.005
  - Diameters: ±.002
  - Angles: ± 2°

**ORDER CODE:** XXXX - X - 0X - XX - 00 - 00 - XX - 0

**SPECIFY PIN FINISH:**

- **01** 200 μ" TIN/LEAD OVER NICKEL
- **08** 200 μ" TIN OVER NICKEL (RoHS)
- **15** 10 μ" GOLD OVER NICKEL (RoHS)
- **21** 20 μ" GOLD OVER NICKEL (RoHS)
- **34** 50 μ" GOLD OVER NICKEL (RoHS)
### PRINTED CIRCUIT PINS

#### X435
**X435-X-05-XX-00-00-03-0**
Square press-fit in .022 plated through-hole

<table>
<thead>
<tr>
<th>Basic Part Number</th>
<th>Length</th>
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<tbody>
<tr>
<td>5435-0</td>
<td>.303</td>
</tr>
<tr>
<td>5435-1</td>
<td>.200</td>
</tr>
<tr>
<td>5435-2</td>
<td>.413</td>
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<tr>
<td>6435-0</td>
<td>.280</td>
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#### 1267
**1267-0-00-XX-00-00-03-0**
Press-fit in .035 mounting hole

#### 7827
**7827-0-00-XX-00-00-03-0**
Press-fit in .035 mounting hole

#### 5145
**5145-0-00-XX-00-00-03-0**
Press-fit in .026 mounting hole

#### 8797
**8797-0-00-XX-00-00-03-0**
Press-fit in .026 mounting hole

#### 3155/5155
**X155-0-00-XX-00-00-03-0**
Press-fit in .026 mounting hole
Pin material is Phosphor Bronze 544 (B2)

<table>
<thead>
<tr>
<th>Basic Part Number</th>
<th>Length</th>
</tr>
</thead>
<tbody>
<tr>
<td>3155-0</td>
<td>.180</td>
</tr>
<tr>
<td>5155-0</td>
<td>.130</td>
</tr>
</tbody>
</table>

#### 6061
**6061-0-00-XX-00-00-03-0**
Press-fit in .040 mounting hole

#### 4526
**4526-0-00-XX-00-00-03-0**
Press-fit in .040 mounting hole

### SPECIFICATIONS:
- **Pin Material**: Brass Alloy 360, 1/2 Hard
- **Dimensions**: Inches
- **Tolerances On**: Lengths: ± .005, Diameters: ± .002, Angles: ± 2°

### ORDER CODE: XXXX - X - 0X - XX - 00 - 00 - XX - 0

### SPECIFY PIN FINISH:
- **01** 200 μ" TIN/LEAD OVER NICKEL
- **08** 200 μ" TIN OVER NICKEL (RoHS)
- **15** 10 μ" GOLD OVER NICKEL (RoHS)
- **21** 20 μ" GOLD OVER NICKEL (RoHS)
- **34** 50 μ" GOLD OVER NICKEL (RoHS)
**SPECIFICATIONS:**

**Pin Material:** Brass Alloy 360, 1/2 Hard
(Except where noted)

**Dimensions:** Inches

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

---

**ORDER CODE:** XXXX - X - 00 - XX - 00 - 00 - 03 - 0

**BASIC PART #**

---

**SPECIFY PIN FINISH:**

- **01** 200 µ" TIN/LEAD OVER NICKEL
- **08** 200 µ" TIN OVER NICKEL (RoHS)
- **15** 10 µ" GOLD OVER NICKEL (RoHS)
- **21** 20 µ" GOLD OVER NICKEL (RoHS)
- **34** 50 µ" GOLD OVER NICKEL (RoHS)
MALE PCB PINS

PRINTED CIRCUIT PINS

0504/0505

050X-0-00-XX-00-00-03-0
Press-fit in .057 mounting hole

<table>
<thead>
<tr>
<th>Basic Part Number</th>
<th>Pin Material</th>
</tr>
</thead>
<tbody>
<tr>
<td>0504-0</td>
<td>Phosphor Bronze 544</td>
</tr>
<tr>
<td>0505-0</td>
<td>Brass 360</td>
</tr>
</tbody>
</table>

4259

4259-X-00-XX-00-00-03-0
Press-fit in .057 mounting hole

<table>
<thead>
<tr>
<th>Basic Part Number</th>
<th>Standoff Height S</th>
</tr>
</thead>
<tbody>
<tr>
<td>4259-1</td>
<td>.210</td>
</tr>
<tr>
<td>4259-2</td>
<td>.335</td>
</tr>
<tr>
<td>4259-3</td>
<td>.585</td>
</tr>
<tr>
<td>4259-4</td>
<td>.835</td>
</tr>
</tbody>
</table>

8859

8859-00-XX-00-00-03-0
Press-fit in .056 mounting hole

<table>
<thead>
<tr>
<th>Basic Part Number</th>
<th>Pin Material</th>
</tr>
</thead>
<tbody>
<tr>
<td>8859-00-00-00-00-03-0</td>
<td>Phosphor Bronze 544</td>
</tr>
</tbody>
</table>

6585

6585-00-XX-00-00-03-0
Press-fit in .057 mounting hole

<table>
<thead>
<tr>
<th>Basic Part Number</th>
<th>Pin Length A</th>
</tr>
</thead>
<tbody>
<tr>
<td>6585-00-00-00-00-03-0</td>
<td>.125</td>
</tr>
</tbody>
</table>

3404

3404-00-XX-00-00-03-0
Press-fit in .057 mounting hole

<table>
<thead>
<tr>
<th>Basic Part Number</th>
<th>Pin Length A</th>
</tr>
</thead>
<tbody>
<tr>
<td>3404-00-00-00-00-03-0</td>
<td>.125</td>
</tr>
</tbody>
</table>

9218

9218-0-00-XX-00-00-03-0
Press-fit in .057 mounting hole

<table>
<thead>
<tr>
<th>Basic Part Number</th>
<th>Pin Length A</th>
</tr>
</thead>
<tbody>
<tr>
<td>9218-00-00-00-00-03-0</td>
<td>.125</td>
</tr>
</tbody>
</table>

SPECIFICATIONS:

Pin Material: Brass Alloy 360, 1/2 Hard
(Except where noted)

Dimensions: Inches

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

ORDER CODE: XXXX - X - 00 - XX - 00 - 00 - 03 - 0

SPECIFY PIN FINISH:

- 01 200 μ" TIN/LEAD OVER NICKEL
- 80 200 μ" TIN OVER NICKEL (RoHS)
- 15 10 μ" GOLD OVER NICKEL (RoHS)
- 21 20 μ" GOLD OVER NICKEL (RoHS)
- 34 50 μ" GOLD OVER NICKEL (RoHS)
**MALE PCB PINS**

**PRINTED CIRCUIT PINS**

**SPECIFICATIONS:**

- **Pin Material:** Brass Alloy 360, 1/2 Hard (Except where noted)
- **Dimensions:** Inches
- **Tolerances On:**
  - Lengths: ± .005
  - Diameters: ± .002
  - Angles: ± 2°

**ORDER CODE:** XXXX - X - 0X - XX - 00 - 00 - 03 - 0

**BASIC PART #**

**SPECIFY PIN FINISH:**

- 01 200 μ" TIN/LEAD OVER NICKEL
- 80 200 μ" TIN OVER NICKEL (RoHS)
- 15 10 μ" GOLD OVER NICKEL (RoHS)
- 21 20 μ" GOLD OVER NICKEL (RoHS)
- 34 50 μ" GOLD OVER NICKEL (RoHS)
### SPECIFICATIONS:

**Pin Material:** Brass Alloy 360, 1/2 Hard  
(Except where noted)

**Dimensions:** Inches

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

---

### ORDER CODE: XXXX - X - 00 - XX - 00 - 00 - 03 - 0

#### BASIC PART #

#### SPECIFY PIN FINISH:

- **01** 200 μ" TIN/LEAD OVER NICKEL
- **08** 200 μ" TIN OVER NICKEL (RoHS)
- **15** 10 μ" GOLD OVER NICKEL (RoHS)
- **21** 20 μ" GOLD OVER NICKEL (RoHS)
- **34** 50 μ" GOLD OVER NICKEL (RoHS)
**MALE PCB PINS**

### PRINTED CIRCUIT PINS

#### 3400 → 3402/3405/3410

**34XX-00-XX-00-00-03-0**

Press-fit in .057 mounting hole

<table>
<thead>
<tr>
<th>Basic Part Number</th>
<th>Shoulder Height</th>
<th>Length S</th>
<th>Length L</th>
</tr>
</thead>
<tbody>
<tr>
<td>3402-0</td>
<td>.052</td>
<td>.138</td>
<td>.121</td>
</tr>
<tr>
<td>3401-0</td>
<td>.100</td>
<td>.136</td>
<td>.125</td>
</tr>
<tr>
<td>3405-0</td>
<td>.169</td>
<td>.146</td>
<td>.115</td>
</tr>
<tr>
<td>3400-0</td>
<td>.461</td>
<td>.145</td>
<td>.115</td>
</tr>
<tr>
<td>3410-0</td>
<td>.934</td>
<td>.136</td>
<td>.124</td>
</tr>
</tbody>
</table>

#### 3411

**3411-X-00-XX-00-00-03-0**

Press-fit in .057 mounting hole

<table>
<thead>
<tr>
<th>Basic Part Number</th>
<th>Pin Length A</th>
</tr>
</thead>
<tbody>
<tr>
<td>3411-0</td>
<td>.417</td>
</tr>
<tr>
<td>3411-1</td>
<td>.217</td>
</tr>
</tbody>
</table>

#### 0600

**0600-00-XX-00-00-01-0**

Solder mount .052 mounting hole

<table>
<thead>
<tr>
<th>Basic Part Number</th>
<th>Shoulder Height</th>
<th>Length S</th>
<th>Length L</th>
</tr>
</thead>
<tbody>
<tr>
<td>0600-0</td>
<td>.048</td>
<td>.150</td>
<td></td>
</tr>
<tr>
<td>0600-1</td>
<td>.070</td>
<td>.040</td>
<td></td>
</tr>
<tr>
<td>0600-2</td>
<td>.047</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

#### 0290

**0290-00-XX-00-00-03-0**

Press-fit in .057 mounting hole

<table>
<thead>
<tr>
<th>Basic Part Number</th>
<th>Shoulder Height</th>
<th>Length S</th>
<th>Length L</th>
</tr>
</thead>
<tbody>
<tr>
<td>0290-0</td>
<td>.025</td>
<td>.165</td>
<td></td>
</tr>
<tr>
<td>0290-1</td>
<td>.072</td>
<td>.052</td>
<td>.103</td>
</tr>
<tr>
<td>0290-2</td>
<td>.060</td>
<td>.053</td>
<td>.108</td>
</tr>
<tr>
<td>0290-3</td>
<td>.018</td>
<td>.024</td>
<td>.156</td>
</tr>
</tbody>
</table>

#### 7007

**7007-00-XX-00-00-03-0**

Press-fit in .057 mounting hole

<table>
<thead>
<tr>
<th>Basic Part Number</th>
<th>Shoulder Height</th>
<th>Length S</th>
<th>Length L</th>
</tr>
</thead>
<tbody>
<tr>
<td>7007-0</td>
<td>.030</td>
<td>.198</td>
<td></td>
</tr>
<tr>
<td>7007-1</td>
<td>.072</td>
<td>.052</td>
<td>.125</td>
</tr>
<tr>
<td>7007-2</td>
<td>.060</td>
<td>.053</td>
<td>.125</td>
</tr>
<tr>
<td>7007-3</td>
<td>.018</td>
<td>.024</td>
<td>.118</td>
</tr>
</tbody>
</table>

#### 5016

**5016-00-XX-00-00-03-0**

Press-fit in .057 mounting hole

<table>
<thead>
<tr>
<th>Basic Part Number</th>
<th>Shoulder Height</th>
<th>Length S</th>
<th>Length L</th>
</tr>
</thead>
<tbody>
<tr>
<td>5016-0</td>
<td>.030</td>
<td>.142</td>
<td></td>
</tr>
<tr>
<td>5016-1</td>
<td>.072</td>
<td>.052</td>
<td>.125</td>
</tr>
<tr>
<td>5016-2</td>
<td>.060</td>
<td>.053</td>
<td>.125</td>
</tr>
<tr>
<td>5016-3</td>
<td>.018</td>
<td>.024</td>
<td>.118</td>
</tr>
</tbody>
</table>

#### 5005

**5005-00-XX-00-00-03-0**

Press-fit in .057 mounting hole

<table>
<thead>
<tr>
<th>Basic Part Number</th>
<th>Shoulder Height</th>
<th>Length S</th>
<th>Length L</th>
</tr>
</thead>
<tbody>
<tr>
<td>5005-0</td>
<td>.030</td>
<td>.185</td>
<td></td>
</tr>
<tr>
<td>5005-1</td>
<td>.072</td>
<td>.053</td>
<td>.125</td>
</tr>
<tr>
<td>5005-2</td>
<td>.060</td>
<td>.053</td>
<td>.125</td>
</tr>
<tr>
<td>5005-3</td>
<td>.024</td>
<td>.210</td>
<td></td>
</tr>
</tbody>
</table>

#### 5107

**5107-00-XX-00-00-03-0**

Press-fit in .057 mounting hole

<table>
<thead>
<tr>
<th>Basic Part Number</th>
<th>Shoulder Height</th>
<th>Length S</th>
<th>Length L</th>
</tr>
</thead>
<tbody>
<tr>
<td>5107-0</td>
<td>.030</td>
<td>.198</td>
<td></td>
</tr>
<tr>
<td>5107-1</td>
<td>.072</td>
<td>.052</td>
<td>.125</td>
</tr>
<tr>
<td>5107-2</td>
<td>.060</td>
<td>.053</td>
<td>.125</td>
</tr>
<tr>
<td>5107-3</td>
<td>.018</td>
<td>.024</td>
<td>.118</td>
</tr>
</tbody>
</table>

#### 8919

**8919-00-XX-00-00-03-0**

Press-fit in .057 mounting hole

<table>
<thead>
<tr>
<th>Basic Part Number</th>
<th>Shoulder Height</th>
<th>Length S</th>
<th>Length L</th>
</tr>
</thead>
<tbody>
<tr>
<td>8919-0</td>
<td>.030</td>
<td>.198</td>
<td></td>
</tr>
<tr>
<td>8919-1</td>
<td>.072</td>
<td>.052</td>
<td>.125</td>
</tr>
<tr>
<td>8919-2</td>
<td>.060</td>
<td>.053</td>
<td>.125</td>
</tr>
<tr>
<td>8919-3</td>
<td>.018</td>
<td>.024</td>
<td>.118</td>
</tr>
</tbody>
</table>

#### 3077

**3077-00-XX-00-00-03-0**

Press-fit in .057 mounting hole

<table>
<thead>
<tr>
<th>Basic Part Number</th>
<th>Shoulder Height</th>
<th>Length S</th>
<th>Length L</th>
</tr>
</thead>
<tbody>
<tr>
<td>3077-0</td>
<td>.040</td>
<td>.130</td>
<td></td>
</tr>
<tr>
<td>3077-1</td>
<td>.070</td>
<td>.060</td>
<td>.120</td>
</tr>
<tr>
<td>3077-2</td>
<td>.040</td>
<td>.080</td>
<td>.330</td>
</tr>
</tbody>
</table>

### SPECIFICATIONS:

**Pin Material:** Brass Alloy 360, 1/2 Hard 
(Except where noted)

**Dimensions:** Inches

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

**ORDER CODE:** XXXX - X - 0X - XX - 00 - 00 - XX - 0

**SPECIFY PIN FINISH:**
- 01 200μ" TIN/LEAD OVER NICKEL
- 80 200μ" TIN OVER NICKEL (RoHS)
- 15 10μ" GOLD OVER NICKEL (RoHS)
- 21 20μ" GOLD OVER NICKEL (RoHS)
- 34 50μ" GOLD OVER NICKEL (RoHS)
### MALE PCB PINS

#### PRINTED CIRCUIT PINS

**3408**

3408-X-00-XX-00-00-03-0

Press-fit in .057 mounting hole

<table>
<thead>
<tr>
<th>Basic Part Number</th>
<th>Pin Length A</th>
</tr>
</thead>
<tbody>
<tr>
<td>3408-1</td>
<td>.121</td>
</tr>
<tr>
<td>3408-2</td>
<td>.181</td>
</tr>
</tbody>
</table>

**0270/0282**

02XX-0-01-XX-00-00-03-0

Press-fit in .057 mounting hole

<table>
<thead>
<tr>
<th>Basic Part Number</th>
<th>Pin Material</th>
</tr>
</thead>
<tbody>
<tr>
<td>0270-0</td>
<td>Phosphor Bronze 544</td>
</tr>
<tr>
<td>0282-0</td>
<td>Brass 360</td>
</tr>
</tbody>
</table>

**0700**

0700-0-00-XX-00-00-03-0

Press-fit in .057 mounting hole

**8006**

8006-0-00-XX-00-00-03-0

Press-fit in .034 mounting hole

**0265**

0265-0-01-XX-00-00-03-0

Press-fit in .057 mounting hole

**0272**

0272-0-01-XX-00-00-03-0

Press-fit in .057 mounting hole

**8000**

8000-0-01-XX-00-00-03-0

Press-fit in .057 mounting hole

For wire sizes up to 22 AWG

<table>
<thead>
<tr>
<th>Basic Part Number</th>
<th>Pin Material</th>
</tr>
</thead>
<tbody>
<tr>
<td>8000-0-01</td>
<td>Phosphor Bronze 544 (B2)</td>
</tr>
</tbody>
</table>

**0275**

0275-0-01-XX-00-00-03-0

Press-fit in .057 mounting hole

For wire sizes up to 22 AWG

**1107**

1107-0-01-15-00-00-03-0

Press-fit in .057 mounting hole

For wire sizes up to 20 AWG

**9976**

9976-0-00-XX-00-00-03-0

Press-fit in .038 mounting hole

---

**SPECIFICATIONS:**

- **Pin Material:** Brass Alloy 360, 1/2 Hard (Except where noted)
- **Dimensions:** Inches
- **Tolerances On:**
  - Lengths: ± .005
  - Diameters: ± .002
  - Angles: ± 2°

---

**ORDER CODE:** XXXX - X - 0X - XX - 00 - 00 - XX - 0

**BASIC PART #**

**SPECIFY PIN FINISH:**

- **01** 200 μ" TIN/LEAD OVER NICKEL
- **08** 200 μ" TIN OVER NICKEL (RoHS)
- **15** 10 μ" GOLD OVER NICKEL (RoHS)
- **21** 20 μ" GOLD OVER NICKEL (RoHS)
- **34** 50 μ" GOLD OVER NICKEL (RoHS)
### SPECIFICATIONS:

**Pin Material:** Brass Alloy 360, 1/2 Hard (Except swage pins which are annealed)

**Dimensions:** Inches

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

---

**ORDER CODE:** XXXX - X - 0X - XX - 00 - 00 - XX - 0

**SPECIFY PIN FINISH:**
- 01 200 µ" TIN/LEAD OVER NICKEL
- 08 200 µ" TIN OVER NICKEL (RoHS)
- 15 10 µ" GOLD OVER NICKEL (RoHS)
- 21 20 µ" GOLD OVER NICKEL (RoHS)
- 34 50 µ" GOLD OVER NICKEL (RoHS)

---

**MALE PCB PINS**

**PRINTED CIRCUIT PINS**

### 3117

<table>
<thead>
<tr>
<th>3117-X-00-XX-00-00-08-0</th>
<th>Swage mount in .035 hole</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Basic Part Number</strong></td>
<td><strong>Board Thickness</strong></td>
</tr>
<tr>
<td>3117-1</td>
<td>.031</td>
</tr>
<tr>
<td>3117-2</td>
<td>.062</td>
</tr>
<tr>
<td>3117-3</td>
<td>.094</td>
</tr>
<tr>
<td>3117-4</td>
<td>.125</td>
</tr>
</tbody>
</table>

### 3118/3119

<table>
<thead>
<tr>
<th>3118-X-00-XX-00-00-08-0</th>
<th>Swage mount in .035 hole</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Basic Part Number</strong></td>
<td><strong>Board Thickness</strong></td>
</tr>
<tr>
<td>3118-1</td>
<td>.031</td>
</tr>
<tr>
<td>3118-2</td>
<td>.062</td>
</tr>
<tr>
<td>3119-1</td>
<td>.094</td>
</tr>
<tr>
<td>3119-2</td>
<td>.125</td>
</tr>
</tbody>
</table>

### 3114/3115

<table>
<thead>
<tr>
<th>3114-X-00-XX-00-00-08-0</th>
<th>Swage mount in .035 mounting hole</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Basic Part Number</strong></td>
<td><strong>Board Thickness</strong></td>
</tr>
<tr>
<td>3114-1</td>
<td>.031</td>
</tr>
<tr>
<td>3114-2</td>
<td>.062</td>
</tr>
<tr>
<td>3115-1</td>
<td>.094</td>
</tr>
<tr>
<td>3115-2</td>
<td>.125</td>
</tr>
</tbody>
</table>

### 3112

<table>
<thead>
<tr>
<th>3112-X-00-XX-00-00-08-0</th>
<th>Swage mount in .043 hole</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Basic Part Number</strong></td>
<td><strong>Board Thickness</strong></td>
</tr>
<tr>
<td>3112-1</td>
<td>.031</td>
</tr>
<tr>
<td>3112-2</td>
<td>.062</td>
</tr>
<tr>
<td>3112-3</td>
<td>.094</td>
</tr>
</tbody>
</table>

### 3113

<table>
<thead>
<tr>
<th>3113-0-00-XX-00-00-08-0</th>
<th>Wire crimp termination. Accepts wire sizes 24 AWG Max. / 28 AWG Min.</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Basic Part Number</strong></td>
<td><strong>Board Thickness</strong></td>
</tr>
<tr>
<td>3113-1</td>
<td>.031</td>
</tr>
<tr>
<td>3113-2</td>
<td>.062</td>
</tr>
<tr>
<td>3113-3</td>
<td>.094</td>
</tr>
</tbody>
</table>

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**SPECIFICATIONS:**

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

**Dimensions:** Inches

**Tolerances On:**
- Lengths: ± .005
- Diameters: ± .002
- Angles: ± 2°
## Printed Circuit Pins

**0259/0286/1941**

<table>
<thead>
<tr>
<th>Basic Part Number</th>
<th>Length L</th>
<th>Barb Dia. E</th>
<th>Mounting Hole</th>
</tr>
</thead>
<tbody>
<tr>
<td>0259-0</td>
<td>.173</td>
<td>.062</td>
<td>.059</td>
</tr>
<tr>
<td>0286-0</td>
<td>.169</td>
<td>.058</td>
<td>.057</td>
</tr>
<tr>
<td>1941-0</td>
<td>.169</td>
<td>.058</td>
<td>.057</td>
</tr>
</tbody>
</table>

*Flat face Target contact*

**2956-0**

- Surface mount
- Press-fit in .057 mounting hole

**2956-1**

- Surface mount
- Press-fit in .057 mounting hole

**4956-1**

- Surface mount
- Press-fit in .057 mounting hole

**8876**

- Press-fit in .057 mounting hole

**1938**

- Flat face Target contact, solder Tail
- Press-fit in .057 mounting hole

**1940**

- Flat face Target contact, solder Tail
- Press-fit in .057 mounting hole

**1942**

- Flat face Target contact, solder Tail
- Press-fit in .056 mounting hole

**3024**

- Flat face Target contact, solder cup
- Press-fit in .056 mounting hole
- For wire sizes up to 22 AWG

**3000**

- Flat face Target contact, wire termination
- Press-fit in .061 mounting hole
- Accepts wire sizes 24 AWG Max. / 28 AWG Min.

**3080**

- Flat face Target contact, wire termination
- Press-fit in .057 mounting hole
- For wire sizes up to 22 AWG

### Specifications:

- **Pin Material:** Brass Alloy 360, 1/2 Hard
  (Except swage pins which are annealed)

- **Dimensions:** Inches

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

### Order Code:

- **XXXX - X - 0X - XX - 00 - 00 - XX - 0**

### Basic Part #

### Specify Pin Finish:

- **01** 200 μ" TIN/LEAD OVER NICKEL
- **08** 200 μ" TIN OVER NICKEL (RoHS)
- **15** 10 μ" GOLD OVER NICKEL (RoHS)
- **21** 20 μ" GOLD OVER NICKEL (RoHS)
- **34** 50 μ" GOLD OVER NICKEL (RoHS)
### MALE PCB PINS

#### PRINTED CIRCUIT PINS

**3130/3134**  
31XX-X-00-XX-00-00-08-0  
Swage mount in .052 hole

<table>
<thead>
<tr>
<th>Basic Part Number</th>
<th>Board Thickness</th>
<th>Length A</th>
<th>Length V</th>
</tr>
</thead>
<tbody>
<tr>
<td>3134-1</td>
<td>.031</td>
<td>.079</td>
<td>.051</td>
</tr>
<tr>
<td>3134-2</td>
<td>.062</td>
<td>.079</td>
<td>.082</td>
</tr>
<tr>
<td>3134-3</td>
<td>.094</td>
<td>.079</td>
<td>.113</td>
</tr>
<tr>
<td>3134-4</td>
<td>.125</td>
<td>.079</td>
<td>.145</td>
</tr>
<tr>
<td>3130-1</td>
<td>.031</td>
<td>.179</td>
<td>.051</td>
</tr>
<tr>
<td>3130-2</td>
<td>.062</td>
<td>.179</td>
<td>.082</td>
</tr>
<tr>
<td>3130-3</td>
<td>.094</td>
<td>.179</td>
<td>.113</td>
</tr>
<tr>
<td>3130-4</td>
<td>.125</td>
<td>.179</td>
<td>.145</td>
</tr>
</tbody>
</table>

**3113**  
3111-X-00-XX-00-00-08-0  
Swage mount in .062 hole

<table>
<thead>
<tr>
<th>Basic Part Number</th>
<th>Board Thickness</th>
<th>Length V</th>
<th>Depth D</th>
</tr>
</thead>
<tbody>
<tr>
<td>3113-1</td>
<td>.031</td>
<td>.062</td>
<td>.040</td>
</tr>
<tr>
<td>3113-2</td>
<td>.062</td>
<td>.094</td>
<td>.062</td>
</tr>
<tr>
<td>3113-3</td>
<td>.094</td>
<td>.125</td>
<td>.062</td>
</tr>
<tr>
<td>3113-4</td>
<td>.125</td>
<td>.156</td>
<td>.062</td>
</tr>
</tbody>
</table>

**3151**  
3151-X-00-XX-00-00-08-0  
Swage mount in .052 hole

<table>
<thead>
<tr>
<th>Basic Part Number</th>
<th>Board Thickness</th>
<th>Length A</th>
<th>Length V</th>
</tr>
</thead>
<tbody>
<tr>
<td>3151-1</td>
<td>.031</td>
<td>.479</td>
<td>.051</td>
</tr>
<tr>
<td>3151-2</td>
<td>.062</td>
<td>.479</td>
<td>.082</td>
</tr>
<tr>
<td>3151-3</td>
<td>.094</td>
<td>.479</td>
<td>.113</td>
</tr>
<tr>
<td>3151-4</td>
<td>.125</td>
<td>.479</td>
<td>.145</td>
</tr>
</tbody>
</table>

**3301 → 3304**  
330X-X-14-XX-00-00-08-0  
Specify board thickness  
Swage mount in .043 hole

<table>
<thead>
<tr>
<th>Basic Part Number</th>
<th>Pin Centers A</th>
<th>Board Thickness</th>
<th>Length V</th>
</tr>
</thead>
<tbody>
<tr>
<td>3301-X</td>
<td></td>
<td>.257</td>
<td></td>
</tr>
<tr>
<td>3302-X</td>
<td></td>
<td>.357</td>
<td></td>
</tr>
<tr>
<td>3303-X</td>
<td></td>
<td>.375</td>
<td></td>
</tr>
<tr>
<td>3304-X</td>
<td></td>
<td>.562</td>
<td></td>
</tr>
</tbody>
</table>

#### ORDER CODE: XXXX - X - 0X - XX - 00 - 00 - XX - 0

### SPECIFICATIONS:

**Pin Material:** Brass Alloy 360, 1/2 Hard  
(Except swage pins which are annealed)

**Dimensions:** Inches

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

**RoHS - 2**  
2011/65/EU

**ORDER CODE:** XXXX - X - 0X - XX - 00 - 00 - XX - 0

**SPECIFY PIN FINISH:**

- 01 200 μ" TIN/LEAD OVER NICKEL
- 08 200 μ" TIN OVER NICKEL (RoHS)
- 15 10 μ" GOLD OVER NICKEL (RoHS)
- 21 20 μ" GOLD OVER NICKEL (RoHS)
- 34 50 μ" GOLD OVER NICKEL (RoHS)
MALE PCB PINS

3110/3111
311X-X-00-XX-00-00-08-0
Swage mount in .043 hole

<table>
<thead>
<tr>
<th>Basic Part Number</th>
<th>Board Thickness</th>
<th>Length A</th>
<th>Length V</th>
</tr>
</thead>
<tbody>
<tr>
<td>3110-1</td>
<td>.040 DIA.</td>
<td>.025 DIA.</td>
<td>.040 DIA.</td>
</tr>
<tr>
<td>3110-2</td>
<td>.040 DIA.</td>
<td>.025 DIA.</td>
<td>.040 DIA.</td>
</tr>
<tr>
<td>3110-3</td>
<td>.040 DIA.</td>
<td>.025 DIA.</td>
<td>.040 DIA.</td>
</tr>
<tr>
<td>3111-1</td>
<td>.040 DIA.</td>
<td>.025 DIA.</td>
<td>.040 DIA.</td>
</tr>
<tr>
<td>3111-2</td>
<td>.040 DIA.</td>
<td>.025 DIA.</td>
<td>.040 DIA.</td>
</tr>
<tr>
<td>3111-3</td>
<td>.040 DIA.</td>
<td>.025 DIA.</td>
<td>.040 DIA.</td>
</tr>
</tbody>
</table>

3136/3137
313X-X-00-XX-00-00-08-0
Solder mount in .043 mounting hole

3137-1 is available on 16mm wide carrier tape: 580 parts per 13" reel. See page 224.2 for Tape & Reel details

<table>
<thead>
<tr>
<th>Basic Part Number</th>
<th>Board Thickness</th>
<th>Length V</th>
<th>Flange Dia. C</th>
</tr>
</thead>
<tbody>
<tr>
<td>3136-1</td>
<td>.040 DIA.</td>
<td></td>
<td>.058 DIA.</td>
</tr>
<tr>
<td>3136-2</td>
<td>.040 DIA.</td>
<td>.062</td>
<td>.058 DIA.</td>
</tr>
<tr>
<td>3136-3</td>
<td>.040 DIA.</td>
<td>.101</td>
<td>.058 DIA.</td>
</tr>
<tr>
<td>3137-1</td>
<td>.040 DIA.</td>
<td>.062</td>
<td>.082</td>
</tr>
<tr>
<td>3137-2</td>
<td>.040 DIA.</td>
<td>.062</td>
<td>.082</td>
</tr>
<tr>
<td>3137-3</td>
<td>.040 DIA.</td>
<td>.062</td>
<td>.082</td>
</tr>
<tr>
<td>3137-4</td>
<td>.040 DIA.</td>
<td>.062</td>
<td>.082</td>
</tr>
</tbody>
</table>

6821
6821-00-XX-00-00-08-0
Turret terminal pin

3132
3132-00-XX-00-00-00-08-0
Wire crimp termination, Annealed
Accepts wire sizes 22 AWG Max./24 AWG Min.

<table>
<thead>
<tr>
<th>Basic Part Number</th>
<th>Board Thickness</th>
<th>Length V</th>
<th>Flange Dia. C</th>
</tr>
</thead>
<tbody>
<tr>
<td>3132-1</td>
<td>.040 DIA.</td>
<td>.040</td>
<td>.040 DIA.</td>
</tr>
<tr>
<td>3132-2</td>
<td>.040 DIA.</td>
<td>.062</td>
<td>.062 DIA.</td>
</tr>
<tr>
<td>3132-3</td>
<td>.040 DIA.</td>
<td>.101</td>
<td>.101 DIA.</td>
</tr>
<tr>
<td>3132-4</td>
<td>.040 DIA.</td>
<td>.138</td>
<td>.138 DIA.</td>
</tr>
</tbody>
</table>

5601
5601-00-XX-00-00-03-0
Solder mount in .062 hole
For a .094 thick board

<table>
<thead>
<tr>
<th>Basic Part Number</th>
<th>Board Thickness</th>
<th>Length V</th>
<th>Flange Dia. C</th>
</tr>
</thead>
<tbody>
<tr>
<td>5601</td>
<td>.040 DIA.</td>
<td>.040</td>
<td>.040 DIA.</td>
</tr>
<tr>
<td>5601</td>
<td>.062 DIA.</td>
<td>.062</td>
<td>.062 DIA.</td>
</tr>
<tr>
<td>5601</td>
<td>.094 DIA.</td>
<td>.094</td>
<td>.094 DIA.</td>
</tr>
</tbody>
</table>

5602
5602-00-XX-00-00-03-0
Compliant press-fit in .040 ± .003 plated through-hole
For .090" to .130" thick board

<table>
<thead>
<tr>
<th>Basic Part Number</th>
<th>Board Thickness</th>
<th>Flange Dia. C</th>
</tr>
</thead>
<tbody>
<tr>
<td>5602</td>
<td>.030 DIA.</td>
<td>.030 DIA.</td>
</tr>
<tr>
<td>5602</td>
<td>.062 DIA.</td>
<td>.062 DIA.</td>
</tr>
<tr>
<td>5602</td>
<td>.125 DIA.</td>
<td>.125 DIA.</td>
</tr>
<tr>
<td>5602</td>
<td>.156 DIA.</td>
<td>.156 DIA.</td>
</tr>
</tbody>
</table>

SPECIFICATIONS:

Pin Material: Brass Alloy 360, 1/2 Hard
(Except swage pins which are annealed)

Dimensions: Inches

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

ORDER CODE: XXXX - X - 0X - XX - 00 - 00 - XX - 0

BASIC PART #

SPECIFY PIN FINISH:
- 01 200 µ” TIN/LEAD OVER NICKEL
- 08 200 µ” TIN OVER NICKEL (RoHS)
- 15 10 µ” GOLD OVER NICKEL (RoHS)
- 21 20 µ” GOLD OVER NICKEL (RoHS)
- 34 50 µ” GOLD OVER NICKEL (RoHS)
### SPECIFICATIONS:

**Pin Material:** Brass Alloy 360, 1/2 Hard  
(Except swage pins which are annealed.)

**Dimensions:** Inches

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

---

**ORDER CODE:** XXXX - X - 0X - XX - 00 - 00 - XX - 0

**SPECIFY PIN FINISH:**
- 01 200 μ“ TIN/LEAD OVER NICKEL  
- 80 200 μ“ TIN OVER NICKEL (RoHS)  
- 15 10 μ“ GOLD OVER NICKEL (RoHS)  
- 21 20 μ“ GOLD OVER NICKEL (RoHS)  
- 34 50 μ“ GOLD OVER NICKEL (RoHS)
**SPECIFICATIONS:**

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

(Except swage pins which are annealed)

*Dimensions: Inches*

*Tolerances On:* Lengths: ± .005

Diameters: ± .002

Angles: ± 2°

---

**ORDER CODE: XXXX - X - 0X - XX - 00 - 00 - XX - 0**

**SPECIFY PIN FINISH:**

01 200 μ” TIN/LEAD OVER NICKEL

80 200 μ” TIN OVER NICKEL (RoHS)

15 10 μ” GOLD OVER NICKEL (RoHS)

21 20 μ” GOLD OVER NICKEL (RoHS)

34 50 μ” GOLD OVER NICKEL (RoHS)
**SPECIFICATIONS:**

- **Pin Material:** Brass Alloy 360, 1/2 Hard
  (Except swage pins which are annealed)

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

---

**ORDER CODE:** XXXX - X - 0X - XX - 00 - 00 - XX - 0

**BASIC PART #**

**SPECIFY PIN FINISH:**
- 01 200 μ" TIN/LEAD OVER NICKEL
- 08 200 μ" TIN OVER NICKEL (RoHS)
- 15 10 μ" GOLD OVER NICKEL (RoHS)
- 21 20 μ" GOLD OVER NICKEL (RoHS)
- 34 50 μ" GOLD OVER NICKEL (RoHS)
MALE PCB PINS

**SPECIFICATIONS:**

- **Pin Material:** Brass Alloy 360, 1/2 Hard (Except swage pins which are annealed)
- **Dimensions:** Inches
- **Tolerances On:**
  - Lengths: ± .005
  - Diameters: ± .002
  - Angles: ± 2°

**ORDER CODE:** XXXX - X - 0X - XX - 00 - 00 - XX - 0

**SPECIFY PIN FINISH:**

- 01 200 µ“ TIN/LEAD OVER NICKEL
- 08 200 µ“ TIN OVER NICKEL (RoHS)
- 15 10 µ“ GOLD OVER NICKEL (RoHS)
- 21 20 µ“ GOLD OVER NICKEL (RoHS)
- 34 50 µ“ GOLD OVER NICKEL (RoHS)

---

**3231**

3231-X-00-XX-00-00-08-0

Swage mount in .094 hole

<table>
<thead>
<tr>
<th>Basic Part Number</th>
<th>Board Thickness</th>
<th>Length V</th>
</tr>
</thead>
<tbody>
<tr>
<td>3231-2</td>
<td>.062</td>
<td>.094</td>
</tr>
<tr>
<td>3231-3</td>
<td>.094</td>
<td>.125</td>
</tr>
<tr>
<td>3231-4</td>
<td>.125</td>
<td>.156</td>
</tr>
</tbody>
</table>

---

**3609**

3609-X-07-XX-00-00-08-0

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

<table>
<thead>
<tr>
<th>Basic Part Number</th>
<th>Pin Length A</th>
</tr>
</thead>
<tbody>
<tr>
<td>3609-1</td>
<td>.200</td>
</tr>
<tr>
<td>3609-2</td>
<td>.375</td>
</tr>
<tr>
<td>3609-3</td>
<td>.500</td>
</tr>
</tbody>
</table>

---

**3601**

3601-X-07-XX-00-00-00-08-0

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

<table>
<thead>
<tr>
<th>Basic Part Number</th>
<th>Pin Length A</th>
</tr>
</thead>
<tbody>
<tr>
<td>3601-1</td>
<td>.200</td>
</tr>
<tr>
<td>3601-2</td>
<td>.375</td>
</tr>
<tr>
<td>3601-3</td>
<td>.500</td>
</tr>
</tbody>
</table>

---

**3133/3138/3152**

313X-X-00-XX-00-00-00-08-0

Specify board thickness

Swage mount in .064 hole

<table>
<thead>
<tr>
<th>Basic Part Number</th>
<th>Pin Length A</th>
</tr>
</thead>
<tbody>
<tr>
<td>3132-X</td>
<td>.094</td>
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<tr>
<td>3133-X</td>
<td>.219</td>
</tr>
<tr>
<td>3138-X</td>
<td>.282</td>
</tr>
</tbody>
</table>

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**3144**

3144-X-00-XX-00-00-00-08-0

Swage mount in .067 hole

<table>
<thead>
<tr>
<th>Basic Part Number</th>
<th>Board Thickness</th>
<th>Length V</th>
</tr>
</thead>
<tbody>
<tr>
<td>3144-1</td>
<td>.031</td>
<td>.053</td>
</tr>
<tr>
<td>3144-2</td>
<td>.062</td>
<td>.084</td>
</tr>
<tr>
<td>3144-3</td>
<td>.094</td>
<td>.115</td>
</tr>
</tbody>
</table>

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**3233**

3233-2-00-XX-00-00-08-0

Swage mount in .094 hole

For a .062 thick board

<table>
<thead>
<tr>
<th>Basic Part Number</th>
<th>Board Thickness</th>
<th>Length V</th>
</tr>
</thead>
<tbody>
<tr>
<td>3233-1</td>
<td>.031</td>
<td>.062</td>
</tr>
<tr>
<td>3233-2</td>
<td>.062</td>
<td>.094</td>
</tr>
</tbody>
</table>

---

**0520**

0520-00-00-XX-00-00-03-0

Annealed

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

<table>
<thead>
<tr>
<th>Basic Part Number</th>
<th>Pin Length A</th>
</tr>
</thead>
<tbody>
<tr>
<td>0520-1</td>
<td>.090</td>
</tr>
<tr>
<td>0520-2</td>
<td>.125</td>
</tr>
<tr>
<td>0520-3</td>
<td>.156</td>
</tr>
</tbody>
</table>

---

**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**
**MALE PCB PINS**

**SPECIFICATIONS:**
- **Pin Material:** Brass Alloy 360, 1/2 Hard
  (Except where noted)
- **Dimensions:** Inches
- **Tolerances On:**
  - Lengths: ± .005
  - Diameters: ± .002
  - Angles: ± 2°

**ORDER CODE:** 194X - 0 - 00 - 15 - 00 - 00 - 03 - 0

**BASIC PART #**

**SPECIFY PIN FINISH:**
- 15 10 μ" GOLD OVER NICKEL (RoHS)

---

**1943**
1943-0-00-15-00-00-03-0
Concave face Target contact, surface mount
Also available on 16mm wide carrier tape:
2,200 parts per 13” reel.
See page 224.3 for Tape & Reel details

**1944**
1944-0-00-15-00-00-03-0
Flat face Target contact, surface mount
Also available on 16mm wide carrier tape:
2,200 parts per 13” reel.
See page 224.3 for Tape & Reel details

**1945**
1945-0-00-15-00-00-03-0
Concave face Target contact, solder Tail

**1946**
1946-0-00-15-00-00-03-0
Flat face Target contact, solder Tail

**1947**
1947-0-00-15-00-00-03-0
Concave face Target contact, surface mount
Press-fit in .056 mounting hole

**1948**
1948-0-00-15-00-00-03-0
Concave face Target contact, Solder Tail
Press-fit in .056 mounting hole

**1949**
1949-0-00-15-00-00-03-0
Flat face Target contact, surface mount
Press-fit in .056 mounting hole

**1950**
1950-0-00-15-00-00-03-0
Concave face Target contact, surface mount
Press-fit in .056 mounting hole

**1951**
1951-0-00-15-00-00-03-0
Concave face Target contact, Solder Tail
Press-fit in .056 mounting hole

**1952**
1952-0-00-15-00-00-03-0
Concave face Target contact, solder Tail
Press-fit in .056 mounting hole

---

RoHS - 2011/65/EU
MALE PCB PINS

PRINTED CIRCUIT PINS

SPECIFICATIONS:
Pin Material: Brass Alloy 360, 1/2 Hard
(Except where noted)
Dimensions: Inches
Tolerances On:
- Lengths: ± .005
- Diameters: ± .002
- Angles: ± 2°

ORDER CODE: XXXX - 0 - 00 - XX - 00 - 00 - 03 - 0

BASIC PART #

SPECIFY PIN FINISH:
- 01 200 μ" TIN/LEAD OVER NICKEL
- 08 200 μ" TIN OVER NICKEL (RoHS)
- 15 10 μ" GOLD OVER NICKEL (RoHS)
- 21 20 μ" GOLD OVER NICKEL (RoHS)
- 34 50 μ" GOLD OVER NICKEL (RoHS)
MALE PCB PINS

SPECIFICATIONS:

Pin Material: Brass Alloy 360, 1/2 Hard
(Except where noted)

Dimensions: Inches

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

ORDER CODE: XXXX - 0 - 00 - XX - 00 - 00 - 0X - 0

BASIC PART #

SPECIFY PIN FINISH:
- 01 200 μ" TIN/LEAD OVER NICKEL
- 80 200 μ" TIN OVER NICKEL (RoHS)
- 15 10 μ" GOLD OVER NICKEL (RoHS)
- 21 20 μ" GOLD OVER NICKEL (RoHS)
- 34 50 μ" GOLD OVER NICKEL (RoHS)
MALE PCB PINS

PRINTED CIRCUIT PINS

5920
5920-0-00-XX-00-00-03-0
Solderless press-fit pin for plated through-hole
Recommended drilled hole size: .086 (2.18mm)

6025
6025-0-00-XX-00-00-03-0
Solderless press-fit pin for plated through-hole
Recommended drilled hole size: .068 (1.73mm)

6035
6035-0-00-XX-00-00-03-0
Solderless press-fit pin for plated through-hole
Recommended drilled hole size: .068 (1.73mm)

8237
8237-0-05-XX-00-00-03-0
Solderless press-fit pin for plated through-hole
Recommended drilled hole size: .092 (2.34mm)

6834
6834-0-00-XX-00-00-03-0
Solderless press-fit pin for plated through-hole
Recommended drilled hole size: .0512 (1.3mm)

6835
6835-0-00-XX-00-00-44-0
Solderless press-fit pin for plated through-hole
Recommended drilled hole size: .092 (2.34mm)
Pin Material: Tellurium Copper Alloy

ORDER CODE: XXXX - 0 - 0X - XX - 00 - 00 - XX - 0

SPECIFICATIONS:
Pin Material: Brass Alloy 360, 1/2 Hard
(Except where noted) *
Dimensions: Inches
Tolerances On:
- Lengths: ± .005
- Diameters: ± .002
- Angles: ± 2 °

ORDER CODE: XXXX - 0 - 0X - XX - 00 - 00 - XX - 0

SPECIFY PIN FINISH:
- 01 200 µ" TIN/LEAD OVER NICKEL
- 15 10 µ" GOLD OVER NICKEL (RoHS)
- 08 200 µ" TIN OVER NICKEL (RoHS)
- 21 20 µ" GOLD OVER NICKEL (RoHS)
- 34 50 µ” GOLD OVER NICKEL (RoHS)

Recommended drilled hole sizes are prior to plating of the PCB and based on typical copper deposition of .5 - 1 oz. This results in a reduction of hole size by approximately .0015” - .003”. Depending on surface plating, typical finished hole sizes are .003” - .005” smaller than drilled hole sizes. The finished hole size tolerance for press-fit applications should be specified as +/- .002”.
MALE PCB PINS

MALE PCB PINS

SPECIFICATIONS:

Pin Material: Brass Alloy 360, 1/2 Hard
(Except where noted)

Dimensions: Inches

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

ORDER CODE: XXXX - 0 - 00 - XX - 00 - 00 - 03 - 0

BASIC PART #

SPECIFY PIN FINISH:

01 200 μ" TIN/LEAD OVER NICKEL
80 200 μ" TIN OVER NICKEL (RoHS)
15 10 μ" GOLD OVER NICKEL (RoHS)
21 20 μ" GOLD OVER NICKEL (RoHS)
34 50 μ" GOLD OVER NICKEL (RoHS)
MALE PCB PINS

CRIMP PINS FOR 12-28 AWG WIRE

**SPECIFICATIONS:**

- **Pin Material:** Brass Alloy 360, 1/2 Hard
  
- **Dimensions:** Inches

**Tolerances On:**

- Lengths: ± .005
- Diameters: ± .002
- Angles: ± 2°

**ORDER CODE:** 39XX - X - 01 - XX - 00 - 00 - 08 - 0

**BASIC PART #**

**SPECIFY PIN FINISH:**

- 01 200 μ" TIN/LEAD OVER NICKEL
- 80 200 μ" TIN OVER NICKEL (RoHS)
- 15 10 μ" GOLD OVER NICKEL (RoHS)
- 21 20 μ" GOLD OVER NICKEL (RoHS)
- 34 50 μ" GOLD OVER NICKEL (RoHS)
MALE PCB PINS

PRINTED CIRCUIT PINS

3975
3975-0-00-XX-00-00-03-0
Solderless press-fit pin for plated through-hole
Recommended drilled hole size: .070 (1.78mm)

3977
3977-0-00-XX-00-00-03-0
Solderless press-fit pin for plated through-hole
Recommended drilled hole size: .070 (1.78mm)

4427
4427-0-00-XX-00-00-03-0
Solderless press-fit pin for plated through-hole
Recommended drilled hole size: .068 (1.73mm)

7504
7504-0-00-XX-00-00-03-0
Solderless press-fit pin for plated through-hole
Recommended drilled hole size: .068 (1.73mm)

9003
9003-0-00-XX-00-00-03-0
Solderless press-fit pin for plated through-hole
Recommended drilled hole size: .047 (1.19mm)

6955
6955-0-05-XX-00-00-03-0
Solderless press-fit pin for plated through-hole
Recommended drilled hole size: .091 (2.31mm)

Recommended drilled hole sizes are prior to plating of the PCB and based on typical copper deposition of .5 - 1 oz. This results in a reduction of hole size by approximately .0015" - .003". Depending on surface plating, typical finished hole sizes are .003" - .005" smaller than drilled hole sizes. The finished hole size tolerance for press-fit applications should be specified as +/- .002".

SPECIFICATIONS:

Pin Material: Brass Alloy 360, 1/2 Hard
(Except where noted)

Dimensions: Inches

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

ORDER CODE: XXXX - 0 - 0X - XX - 00 - 00 - XX - 0

SPECIFY PIN FINISH:
- 01 200 μ" TIN/LEAD OVER NICKEL
- 08 200 μ" TIN OVER NICKEL (RoHS)
- 15 10 μ" GOLD OVER NICKEL (RoHS)
- 21 20 μ" GOLD OVER NICKEL (RoHS)
- 34 50 μ" GOLD OVER NICKEL (RoHS)
**SPECIFICATIONS:**

**Pin Material:** Brass Alloy 360, 1/2 Hard  
(Except where noted) *

**Dimensions:** Inches

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

---

**ORDER CODE:** XXXX - 0 - 0X - XX - 00 - 00 - 03 - 0

**SPECIFY PIN FINISH:**

- 01 200 μ " TIN/LEAD OVER NICKEL
- 08 200 μ " TIN OVER NICKEL (RoHS)
- 15 10 μ " GOLD OVER NICKEL (RoHS)
- 21 20 μ " GOLD OVER NICKEL (RoHS)
- 34 50 μ " GOLD OVER NICKEL (RoHS)
## Printed Circuit Pins

### 4118
**4118-0-00-XX-00-00-03-0**
Solderless press-fit pin for plated through-hole
Recommended drilled hole size: .0295 (0.75mm)

![Diagram of 4118 pin](image)

### 5317
**5317-0-00-XX-00-00-03-0**
Solderless press-fit pin for plated through-hole
Recommended drilled hole size: .040 (1.02mm)

![Diagram of 5317 pin](image)

---

Recommended drilled hole sizes are prior to plating of the PCB and based on typical copper deposition of .5 - 1 oz. This results in a reduction of hole size by approximately .0015" - .003". Depending on surface plating, typical finished hole sizes are .003" - .005" smaller than drilled hole sizes. The finished hole size tolerance for press-fit applications should be specified as +/- .002".

---

### Specifications:
- **Pin Material:** Brass Alloy 360, 1/2 Hard (Except where noted)
- **Dimensions:** Inches
- **Tolerances On:**
  - Lengths: ± .005
  - Diameters: ± .002
  - Angles: ± 2°

### Order Code:
```
XXXX - 0 - 0X - XX - 00 - 00 - XX - 0
```

### BASIC PART #

<table>
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<th>SPECIFY PIN FINISH</th>
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<tbody>
<tr>
<td>01 200 μ&quot; TIN/LEAD OVER NICKEL</td>
</tr>
<tr>
<td>80 200 μ&quot; TIN OVER NICKEL (RoHS)</td>
</tr>
<tr>
<td>15 10 μ&quot; GOLD OVER NICKEL (RoHS)</td>
</tr>
<tr>
<td>21 20 μ&quot; GOLD OVER NICKEL (RoHS)</td>
</tr>
<tr>
<td>34 50 μ&quot; GOLD OVER NICKEL (RoHS)</td>
</tr>
</tbody>
</table>
**MALE PCB PINS**

**PRINTED CIRCUIT PINS**

---

**5231**

5231-0-00-XX-00-00-38-0

Swage mount in .094 hole

For a .125 thick board

---

**9092**

9092-0-00-XX-00-00-38-0

Wire crimp termination up to 14 AWG

---

**7310**

7310-0-01-XX-00-00-08-0

Board edge press-fit

---

**5066**

5066-0-00-26-00-00-03-0

Press-fit in .043 mounting hole

---

**7937**

7937-0-00-15-00-00-03-0

Target contact, horizontal surface mount

Also available on 16mm wide carrier tape: 2,400 parts per 13" reel.

See page 224.4 for Tape & Reel details

---

**1502**

1502-0-00-XX-00-00-02-0

Press-fit in .057 mounting hole

---

**5102**

5102-0-00-XX-00-00-33-0

Press-fit in .057 mounting hole

---

**1508**

1508-0-00-15-00-00-03-0

Test point, surface mount

Also available on 16mm wide carrier tape: 1,600 parts per 13" reel.

See page 224.4 for Tape & Reel details

---

**SPECIFICATIONS:**

- **Pin Material:** Brass Alloy 360, 1/2 Hard
  (Except swage pins which are annealed)

- **Dimensions:** Inches

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

---

**ORDER CODE:** XXXX - X - 0X - XX - 00 - 00 - XX - 0

**SPECIFY PIN FINISH:**

- **01** 200 μ" TIN/LEAD OVER NICKEL
- **80** 200 μ" TIN OVER NICKEL (RoHS)
- **15** 10 μ" GOLD OVER NICKEL (RoHS)
- **21** 20 μ" GOLD OVER NICKEL (RoHS)
- **34** 50 μ" GOLD OVER NICKEL (RoHS)

---

**BASIC PART #**

---

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
MALE PCB PINS

PINS ON TAPE & REEL PACKAGING

**SPECIFICATIONS:**

**Pin Material:** Brass Alloy 360, 1/2 Hard  
(Except where noted)

**Dimensions:** Inches

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

**ORDER CODE:** XXXX - X - 00 - XX - 00 - 00 - XX - 0

**BASIC PART #**

**SPECIFY PIN FINISH:**
- 01 200 μ" TIN/LEAD OVER NICKEL
- 80 200 μ" TIN OVER NICKEL (RoHS)
- 15 10 μ" GOLD OVER NICKEL (RoHS)
- 21 20 μ" GOLD OVER NICKEL (RoHS)
- 34 50 μ" GOLD OVER NICKEL (RoHS)
MALE PCB PINS

PINS ON TAPE & REEL PACKAGING

**SPECIFICATIONS:**

Pin Material: Brass Alloy 360, 1/2 Hard
(Except where noted)

Dimensions: Inches

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

**ORDER CODE:** XXXX - X - 00 - XX - 00 - 00 - XX - 0

**BASIC PART #**

**SPECIFY PIN FINISH:**

- 01 200 μ" TIN/LEAD OVER NICKEL
- 08 200 μ" TIN OVER NICKEL (RoHS)
- 15 10 μ" GOLD OVER NICKEL (RoHS)
- 21 20 μ" GOLD OVER NICKEL (RoHS)
- 34 50 μ" GOLD OVER NICKEL (RoHS)

---

**5058**

**5058-0-57-XX-00-00-03-0**
Solder mount in .024 mounting hole
16mm wide X 8mm pitch carrier tape:
2,000 parts per 13" reel.

**9113**

**9113-0-57-XX-00-00-38-0**
Solder mount in .022 mounting hole
16mm wide X 8mm pitch carrier tape:
1,800 parts per 13" reel.

**4361**

**4361-0-57-XX-00-00-33-0**
Solder mount in .022 mounting hole
16mm wide X 8mm pitch carrier tape:
3,600 parts per 13" reel.

**4477**

**4477-0-57-XX-00-00-33-0**
Solder mount in .034 mounting hole
24mm wide X 8mm pitch carrier tape:
1,300 parts per 13" reel.

**3137**

**3137-1-57-XX-00-00-08-0**
Solder mount in .043 mounting hole
16mm wide X 12mm pitch carrier tape:
580 parts per 13" reel.

**8330**

**8330-0-57-XX-00-00-03-0**
Solder mount in .044 mounting hole
24mm wide X 12mm pitch carrier tape:
610 parts per 13" reel.
MALE PCB PINS

PINS ON TAPE & REEL PACKAGING

0286
0286-0-57-XX-00-00-03-0
Press-fit in .057 mounting hole
16mm wide X 8mm pitch carrier tape:
2,500 parts per 13” reel.

9265
9265-0-57-XX-00-00-38-0
Solder mount in .063 mounting hole
16mm wide X 8mm pitch carrier tape:
1,170 parts per 13” reel.

2381
2381-0-57-XX-00-00-33-0
Solder mount in .054 mounting hole
16mm wide X 8mm pitch carrier tape:
1,800 parts per 13” reel.

9022
9022-0-57-XX-00-00-33-0
Solder mount in .066 mounting hole
24mm wide X 8mm pitch carrier tape:
1,500 parts per 13” reel.

1944
1944-0-57-15-00-00-03-0
Flat face Target contact, surface mount
16mm wide X 8mm pitch carrier tape:
2,200 parts per 13” reel.

1943
1943-0-57-15-00-00-03-0
Concave face Target contact, surface mount
16mm wide X 8mm pitch carrier tape:
2,200 parts per 13” reel.

SPECIFICATIONS:

Pin Material: Brass Alloy 360, 1/2 Hard
(Except where noted)

Dimensions: Inches

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

ORDER CODE: XXXX - X - 00 - XX - 00 - 00 - XX - 0

SPECIFY PIN FINISH:

01 200 µ" TIN/LEAD OVER NICKEL
80 200 µ" TIN OVER NICKEL (RoHS)
15 10 µ" TIN OVER NICKEL (RoHS)
21 20 µ" GOLD OVER NICKEL (RoHS)
34 50 µ" GOLD OVER NICKEL (RoHS)
**MALE PCB PINS**

**PINS ON TAPE & REEL PACKAGING**

**7937**

7937-058-15-00-00-03-0
Target contact, horizontal surface mount
16mm wide X 8mm pitch carrier tape:
2,400 parts per 13’ reel.

**8086**

8086-057-XX-00-00-33-0
Solder mount in .079 mounting hole
12mm wide X 8mm pitch carrier tape:
550 parts per 13’ reel.

**8086**

8086-059-XX-00-00-33-0
Surface mount
24mm wide X 16mm pitch carrier tape:
450 parts per 13’ reel.

**1508**

1508-057-15-00-00-03-0
Test point, surface mount
16mm wide X 8mm pitch carrier tape:
1,600 parts per 13’ reel.

**SPECIFICATIONS:**

- **Pin Material:** Brass Alloy 360, 1/2 Hard
  (Except where noted)
- **Dimensions:** Inches
- **Tolerances On:**
  - Lengths: ±.005
  - Diameters: ±.002
  - Angles: ±2°

**ORDER CODE:** XXXX - X - 00 - XX - 00 - XX - 0

**SPECIFY PIN FINISH:**

- 01 200 µ” TIN/LEAD OVER NICKEL
- 80 200 µ” TIN OVER NICKEL (RoHS)
- 15 10 µ” GOLD OVER NICKEL (RoHS)
- 21 20 µ” GOLD OVER NICKEL (RoHS)
- 34 50 µ” GOLD OVER NICKEL (RoHS)
### WRAPOST TERMINALS

#### 5275

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<th># of Wraps</th>
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<td>5275-1</td>
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<td>5275-2</td>
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<tr>
<td>5275-3</td>
<td>3</td>
<td>.610</td>
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</table>

Square press-fit in .035 plated through-hole.

#### 1010 - 1012/1020 - 1022

<table>
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<td>1020-3</td>
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Press-fit in .057 mounting hole.

#### 1215

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Press-fit in .043 mounting hole.

#### 1124

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Press-fit in .043 mounting hole.

#### 1210

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<tr>
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Press-fit in .053 mounting hole.

#### 1222

<table>
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Press-fit in .055 mounting hole.

#### 1221

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<tr>
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Press-fit in .056 mounting hole.

#### 1110

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Press-fit in .057 mounting hole.

#### 1094

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<td>1094-3</td>
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Press-fit in .056 mounting hole.

### SPECIFICATIONS:

**Pin Material:** Brass Alloy 360, 1/2 Hard (Except where noted)

**Dimensions:** Inches

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

**ORDER CODE:** XXXX - X - 05 - XX - 00 - 00 - 01 - 0

**BASIC PART #**

**SPECIFY PIN FINISH:**
- 01 200 μ" TIN/LEAD OVER NICKEL
- 08 200 μ" TIN OVER NICKEL (RoHS)
- 15 10 μ" GOLD OVER NICKEL (RoHS)
- 21 20 μ" GOLD OVER NICKEL (RoHS)

---

**RoHS - 2011/65/EU**
**WRAPPOST TERMINALS**

**1030 → 1032**

103X-X-05-XX-00-00-01-0  
Press-fit in .057 mounting hole

<table>
<thead>
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<td>1030-3</td>
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**1216**

1216-X-05-XX-00-00-01-0  
Press-fit in .056 mounting hole

**1095**

1095-X-05-XX-00-00-01-0  
Swage mount in .094 hole  
For a .062 thick board

**1214**

1214-X-05-XX-00-00-01-0  
Press-fit in .059 mounting hole

**1212**

1212-X-05-XX-00-00-01-0  
Press-fit in .061 mounting hole

**1213**

1213-X-05-XX-00-00-01-0  
Press-fit in .061 mounting hole

**1302**

1302-X-05-XX-00-00-01-0  
Press-fit in .057 mounting hole

**1097**

1097-X-05-XX-00-00-01-0  
Swage mount in .094 hole  
For a .062 thick board

**SPECIFICATIONS:**

- **Pin Material:** Brass Alloy 360, 1/2 Hard  
  (Except swage pins which are annealed)

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

**ORDER CODE:** XXXX - X - 05 - XX - 00 - 00 - 01 - 0

**SPECIFY PIN FINISH:**

- **01** 200 μ" TIN/LEAD OVER NICKEL
- **08** 200 μ" TIN OVER NICKEL (RoHS)
- **15** 10 μ" GOLD OVER NICKEL (RoHS)
- **21** 20 μ" GOLD OVER NICKEL (RoHS)

**BASIC PART #**
### MALE PCB PINS

#### WRAPOST TERMINALS

<table>
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<table>
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<tr>
<td>8301-X-24-XX-00-00-01-0</td>
<td>Press-fit in .057 mounting hole</td>
<td>For wire sizes up to 22 AWG</td>
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<tr>
<td>8301-XX-00-00-01-0</td>
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<tr>
<td>8301-X-24-XX-00-00-01-0</td>
<td>Press-fit in .057 mounting hole</td>
<td>For wire sizes up to 22 AWG</td>
</tr>
<tr>
<td>8301-XX-00-00-01-0</td>
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#### SPECIFICATIONS:

- **Pin Material:** Brass Alloy 360, 1/2 Hard (Except where noted)
- **Dimensions:** Inches
- **Tolerances On:**
  - Lengths: ±.005
  - Diameters: ±.002
  - Angles: ± 2°

#### ORDER CODE:

**XXXX - X - XX - 00 - 00 - 01 - 0**

#### SPECIFY PIN FINISH:

- **01** 200 μ" TIN/LEAD OVER NICKEL
- **80** 200 μ" TIN OVER NICKEL (RoHS)
- **15** 10 μ" GOLD OVER NICKEL (RoHS)
- **21** 20 μ" GOLD OVER NICKEL (RoHS)
### SPECIFICATIONS:

- **Pin Material:** Brass Alloy 360, 1/2 Hard (Except where noted)
- **Dimensions:** Inches
- **Tolerances On:**
  - Lengths: ± .005
  - Diameters: ± .002
  - Angles: ± 2°

### ORDER CODE: XXXX - X - XX - XX - 00 - 00 - 01 - 0

### BASIC PART #

### SPECIFY PIN FINISH:
- 01 200 μ" TIN/LEAD OVER NICKEL
- 80 200 μ" TIN OVER NICKEL (RoHS)
- 15 10 μ" GOLD OVER NICKEL (RoHS)
- 21 20 μ" GOLD OVER NICKEL (RoHS)

<table>
<thead>
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### Male PCB Pins

#### Solder Terminal Turrets

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<th>Description</th>
<th>Pin Material</th>
<th>Dimensions</th>
<th>Tolerances</th>
<th>Order Code</th>
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</thead>
<tbody>
<tr>
<td>2324-1</td>
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<td>2324-2</td>
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### Specifications:
- **Pin Material:** Brass Alloy 360, 1/2 Hard (Swage pins are annealed)
- **Dimensions:** Inches
- **Tolerances On:**
  - Lengths: ±.005
  - Diameters: ±.002
  - Angles: ± 2°

### Order Code:
- XXXX - X - 00 - XX - 00 - 00 - 07 - 0

### Specify Pin Finish:
- 01 200 μ" TIN/LEAD OVER NICKEL
- 80 200 μ" TIN OVER NICKEL (RoHS)
- 44 300 μ" SILVER OVER COPPER (RoHS)
- 50 300 μ" ELECTRO-SOLDER (60/40 SnPb)
MALE PCB PINS

SOLDER TERMINAL TURRETS

SPECIFICATIONS:

Pin Material: Brass Alloy 360, 1/2 Hard
( Swage pins are annealed )

Dimensions: Inches

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

ORDER CODE: XXXX - X - 00 - XX - 00 - 00 - 07 - 0

SPECIFY PIN FINISH:
- 01 200 µ" TIN/LEAD OVER NICKEL
- 08 200 µ" TIN OVER NICKEL (RoHS)
- 44 300 µ" SILVER OVER COPPER (RoHS)
- 50 300 µ" ELECTRO-SOLDER
  (60/40 SnPb)
**MALE PCB PINS**

## SOLDER TERMINAL TURRETS

<table>
<thead>
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<th>Part Number</th>
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<th>Measurements</th>
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<td>Length: .049</td>
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<td>2110</td>
<td>Swage mount in .052 hole</td>
<td>Board Thickness: .031</td>
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<tr>
<td>2333</td>
<td>Press-fit &amp; swage in .052 hole</td>
<td>Length: .082</td>
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<td>2821</td>
<td>Swage mount in .125 hole</td>
<td>Length: .109</td>
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<td>2821</td>
<td>Swage mount in .125 hole</td>
<td>Board Thickness: .062</td>
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<td>2316</td>
<td>Swage mount in .064 hole</td>
<td>Length: .141</td>
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<td>2317</td>
<td>Swage mount in .064 hole</td>
<td>Board Thickness: .094</td>
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<td>Swage mount in .120 hole</td>
<td>Length: .172</td>
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<td>2708</td>
<td>Swage mount in .120 hole</td>
<td>Board Thickness: .125</td>
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### SPECIFICATIONS:

- **Pin Material:** Brass Alloy 360, 1/2 Hard (Swage pins are annealed)
- **Dimensions:** Inches
- **Tolerances On:**
  - Lengths: ± .005
  - Diameters: ± .002
  - Angles: ± 2°

### ORDER CODE:

**XXX X 00 XX 00 00 07 0**

### SPECIFY PIN FINISH:

- **01** 200 µ" TIN/LEAD OVER NICKEL
- **80** 200 µ" TIN OVER NICKEL (RoHS)
- **44** 300 µ" SILVER OVER COPPER (RoHS)
- **50** 300 µ" ELECTRO-SOLDER (60/40 SnPb)
**MALE PCB PINS**

**SOLDER TERMINAL TURRETS**

---

**SPECIFICATIONS:**

- **Pin Material:** Brass Alloy 360, 1/2 Hard  
  (Swage pins are annealed)

- **Dimensions:** Inches

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

**ORDER CODE:** XXXX - X - 00 - XX - 00 - 00 - 07 - 0

---

**BASIC PART #**

**SPECIFY PIN FINISH:**

- 01 200 μ" TIN/LEAD OVER NICKEL
- 08 200 μ" TIN OVER NICKEL (RoHS)
- 44 300 μ" SILVER OVER COPPER (RoHS)
- 50 300 μ" ELECTRO-SOLDER (60/40 SnPb)

---

**2348**

- **2348-X-00-XX-00-00-07-0**
  - Swage mount in .064 hole

**2301**

- **2301-X-00-XX-00-00-07-0**
  - Swage mount in .067 hole

**2506**

- **2506-X-00-XX-00-00-07-0**
  - Swage mount in .067 hole

---

**2310**

- **2310-X-00-XX-00-00-07-0**
  - Swage mount in .067 hole

**2505**

- **2505-X-00-XX-00-00-07-0**
  - Swage mount in .076 hole

---

**2325**

- **2325-X-00-XX-00-00-07-0**
  - Swage mount in .073 hole

**2355**

- **2355-X-00-XX-00-00-07-0**
  - Swage mount in .073 hole

**2365**

- **2365-X-00-XX-00-00-07-0**
  - Swage mount in .076 hole

---

**ORDER CODE:** XXXX - X - 00 - XX - 00 - 00 - 07 - 0

---

**SPECIFY PIN FINISH:**

- 01 200 μ" TIN/LEAD OVER NICKEL
- 08 200 μ" TIN OVER NICKEL (RoHS)
- 44 300 μ" SILVER OVER COPPER (RoHS)
- 50 300 μ" ELECTRO-SOLDER (60/40 SnPb)

---

**ORDER CODE:** XXXX - X - 00 - XX - 00 - 00 - 07 - 0

---

**SPECIFY PIN FINISH:**

- 01 200 μ" TIN/LEAD OVER NICKEL
- 08 200 μ" TIN OVER NICKEL (RoHS)
- 44 300 μ" SILVER OVER COPPER (RoHS)
- 50 300 μ" ELECTRO-SOLDER (60/40 SnPb)

---

**ORDER CODE:** XXXX - X - 00 - XX - 00 - 00 - 07 - 0

---

**SPECIFY PIN FINISH:**

- 01 200 μ" TIN/LEAD OVER NICKEL
- 08 200 μ" TIN OVER NICKEL (RoHS)
- 44 300 μ" SILVER OVER COPPER (RoHS)
- 50 300 μ" ELECTRO-SOLDER (60/40 SnPb)

---

**ORDER CODE:** XXXX - X - 00 - XX - 00 - 00 - 07 - 0

---

**SPECIFY PIN FINISH:**

- 01 200 μ" TIN/LEAD OVER NICKEL
- 08 200 μ" TIN OVER NICKEL (RoHS)
- 44 300 μ" SILVER OVER COPPER (RoHS)
- 50 300 μ" ELECTRO-SOLDER (60/40 SnPb)

---

**ORDER CODE:** XXXX - X - 00 - XX - 00 - 00 - 07 - 0

---

**SPECIFY PIN FINISH:**

- 01 200 μ" TIN/LEAD OVER NICKEL
- 08 200 μ" TIN OVER NICKEL (RoHS)
- 44 300 μ" SILVER OVER COPPER (RoHS)
- 50 300 μ" ELECTRO-SOLDER (60/40 SnPb)

---

**ORDER CODE:** XXXX - X - 00 - XX - 00 - 00 - 07 - 0

---

**SPECIFY PIN FINISH:**

- 01 200 μ" TIN/LEAD OVER NICKEL
- 08 200 μ" TIN OVER NICKEL (RoHS)
- 44 300 μ" SILVER OVER COPPER (RoHS)
- 50 300 μ" ELECTRO-SOLDER (60/40 SnPb)

---

**ORDER CODE:** XXXX - X - 00 - XX - 00 - 00 - 07 - 0

---

**SPECIFY PIN FINISH:**

- 01 200 μ" TIN/LEAD OVER NICKEL
- 08 200 μ" TIN OVER NICKEL (RoHS)
- 44 300 μ" SILVER OVER COPPER (RoHS)
- 50 300 μ" ELECTRO-SOLDER (60/40 SnPb)

---

**ORDER CODE:** XXXX - X - 00 - XX - 00 - 00 - 07 - 0

---

**SPECIFY PIN FINISH:**

- 01 200 μ" TIN/LEAD OVER NICKEL
- 08 200 μ" TIN OVER NICKEL (RoHS)
- 44 300 μ" SILVER OVER COPPER (RoHS)
- 50 300 μ" ELECTRO-SOLDER (60/40 SnPb)

---

**ORDER CODE:** XXXX - X - 00 - XX - 00 - 00 - 07 - 0

---

**SPECIFY PIN FINISH:**

- 01 200 μ" TIN/LEAD OVER NICKEL
- 08 200 μ" TIN OVER NICKEL (RoHS)
- 44 300 μ" SILVER OVER COPPER (RoHS)
- 50 300 μ" ELECTRO-SOLDER (60/40 SnPb)

---

**ORDER CODE:** XXXX - X - 00 - XX - 00 - 00 - 07 - 0

---

**SPECIFY PIN FINISH:**

- 01 200 μ" TIN/LEAD OVER NICKEL
- 08 200 μ" TIN OVER NICKEL (RoHS)
- 44 300 μ" SILVER OVER COPPER (RoHS)
- 50 300 μ" ELECTRO-SOLDER (60/40 SnPb)
**Male PCB Pins**

**Solder Terminal Turrets**

### Specifications:

- **Pin Material:** Brass Alloy 360, 1/2 Hard (Swage pins are annealed)
- **Dimensions:** Inches
- **Tolerances On:**
  - Lengths: ±.005
  - Diameters: ±.002
  - Angles: ± 2°

### Order Code:

**XXX - X - 00 - XX - 00 - 00 - 07 - 0**

### Basic Part #

### Specify Pin Finish:

- 01 200 μ" Tin/Lead over Nickel
- 80 200 μ" Tin Over Nickel (RoHS)
- 44 300 μ" Silver Over Copper (RoHS)
- 50 300 μ" Electro-Solder (60/40 SnPb)
### MALE PCB PINS

**SOLDER TERMINAL TURRETS**

#### 2810
**2810-X-00-XX-00-00-07-0**
Swage mount in .118 hole

<table>
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<tr>
<th>Basic Part Number</th>
<th>Board Thickness</th>
<th>Length</th>
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<td>2810-2</td>
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<td>.094</td>
<td>.135</td>
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<td>2810-4</td>
<td>.125</td>
<td>.165</td>
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#### 2524
**2524-X-00-XX-00-00-07-0**
Swage mount in .092 hole

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<td>2524-3</td>
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<td>2524-4</td>
<td>.125</td>
<td>.165</td>
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#### 2561
**2561-X-00-XX-00-00-07-0**
Swage mount in .094 hole

<table>
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<th>Board Thickness</th>
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<td>.062</td>
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<td>2561-3</td>
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<td>2561-4</td>
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#### 2508
**2508-X-00-XX-00-00-07-0**
Swage mount in .094 hole

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#### 2551
**2551-X-00-XX-00-00-07-0**
Swage mount in .094 hole

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#### 2812
**2812-X-00-XX-00-00-00-07-0**
Swage mount in .116 hole

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**SPECIFICATIONS:**

- **Pin Material:** Brass Alloy 360, 1/2 Hard  
  (Swage pins are annealed)
- **Dimensions:** Inches
- **Tolerances On:**
  - Lengths: ± .005
  - Diameters: ± .002
  - Angles: ± 2 °

**ORDER CODE:** XXXX - X - 00 - XX - 00 - 00 - 07 - 0

**BASIC PART #**

**SPECIFY PIN FINISH:**

- 01 200 μ" TIN/LEAD OVER NICKEL
- 08 200 μ" TIN OVER NICKEL (RoHS)
- 44 300 μ" SILVER OVER COPPER (RoHS)
- 50 300 μ" ELECTRO-SOLDER (60/40 SnPb)
### MALE PCB PINS

#### MALE PCB PINS

**SPECIFICATIONS:**

- **Pin Material:** Brass Alloy 360, 1/2 Hard (Swage pins are annealed)
- **Dimensions:** Inches
- **Tolerances On:**
  - Lengths: ±0.005
  - Diameters: ±0.002
  - Angles: ±2°

---

**ORDER CODE:** XXXX - X - 00 - XX - 00 - 00 - 07 - 0

**BASIC PART #**

**SPECIFY PIN FINISH:**

- 01 200 μ" TIN/LEAD OVER NICKEL
- 08 200 μ" TIN OVER NICKEL (RoHS)
- 44 300 μ" SILVER OVER COPPER (RoHS)
- 50 300 μ" ELECTRO-SOLDER (60/40 SnPb)

---

**MALE PCB PINS**

**SOLDER TERMINAL TURRETS**

<table>
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<th>Basic Part Number</th>
<th>Board Thickness</th>
<th>Length V</th>
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</thead>
<tbody>
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<tr>
<td>2501-2</td>
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<td>.109</td>
</tr>
<tr>
<td>2501-3</td>
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<td>.140</td>
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<tr>
<td>2501-4</td>
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<th>Board Thickness</th>
<th>Length V</th>
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<tbody>
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<th>Length V</th>
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<td>2717-3</td>
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<td>.125</td>
</tr>
<tr>
<td>2717-4</td>
<td>.125</td>
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**2501**

2501-X-00-XX-00-00-07-0

Swage mount in .094 hole

<table>
<thead>
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<th>Basic Part Number</th>
<th>Board Thickness</th>
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</thead>
<tbody>
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<td>.063</td>
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</tr>
<tr>
<td>.090 DIA.</td>
<td>.094</td>
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</tr>
<tr>
<td>.125 DIA.</td>
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<tr>
<td>.093 DIA.</td>
<td>.082</td>
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<tr>
<td>.093 DIA.</td>
<td>.082</td>
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**2702**

2702-X-00-XX-00-00-07-0

Swage mount in .094 hole

<table>
<thead>
<tr>
<th>Basic Part Number</th>
<th>Board Thickness</th>
<th>Length V</th>
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<tbody>
<tr>
<td>.064 DIA.</td>
<td>.063</td>
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</tr>
<tr>
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<td>.094</td>
<td></td>
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<tr>
<td>.158 DIA.</td>
<td>.105</td>
<td></td>
</tr>
<tr>
<td>.053 DIA.</td>
<td>.053</td>
<td></td>
</tr>
<tr>
<td>.109 DIA.</td>
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**2717**

2717-X-00-XX-00-00-07-0

Swage mount in .094 hole

<table>
<thead>
<tr>
<th>Basic Part Number</th>
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<tbody>
<tr>
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<tr>
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<td>.082</td>
</tr>
<tr>
<td>.156 DIA.</td>
<td>.156</td>
<td>.032</td>
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<tr>
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</tr>
<tr>
<td>.109 DIA.</td>
<td>.109</td>
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**2713**

2713-X-00-XX-00-00-07-0

Swage mount in .094 hole

<table>
<thead>
<tr>
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</thead>
<tbody>
<tr>
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<td>.164</td>
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<tr>
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<td>.090</td>
<td>.082</td>
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<tr>
<td>.156 DIA.</td>
<td>.156</td>
<td>.032</td>
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<td>.053</td>
<td>.109</td>
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<tr>
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**2710**

2710-X-00-XX-00-00-07-0

Swage mount in .094 hole

<table>
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<tr>
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**2703**

2703-X-00-XX-00-00-07-0

Swage mount in .094 hole

<table>
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<tbody>
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</tr>
<tr>
<td>.091 DIA.</td>
<td>.091</td>
<td></td>
</tr>
<tr>
<td>.156 DIA.</td>
<td>.156</td>
<td></td>
</tr>
<tr>
<td>.053 DIA.</td>
<td>.053</td>
<td></td>
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<tr>
<td>.109 DIA.</td>
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</tr>
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**2702**

2702-X-00-XX-00-00-07-0

Swage mount in .094 hole

<table>
<thead>
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<th>Board Thickness</th>
<th>Length V</th>
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</thead>
<tbody>
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</tr>
<tr>
<td>.090 DIA.</td>
<td>.091</td>
<td></td>
</tr>
<tr>
<td>.156 DIA.</td>
<td>.156</td>
<td></td>
</tr>
<tr>
<td>.053 DIA.</td>
<td>.053</td>
<td></td>
</tr>
<tr>
<td>.109 DIA.</td>
<td>.109</td>
<td></td>
</tr>
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**SPECIFY PIN FINISH:**

- 01 200 μ" TIN/LEAD OVER NICKEL
- 08 200 μ" TIN OVER NICKEL (RoHS)
- 44 300 μ" SILVER OVER COPPER (RoHS)
- 50 300 μ" ELECTRO-SOLDER (60/40 SnPb)
**SPECIFICATIONS:**

*Pin Material:* Brass Alloy 360, 1/2 Hard  
(Swage pins are annealed)

*Dimensions: Inches*

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

**ORDER CODE:** XXXX - X - 00 - XX - 00 - 00 - 07 - 0

**BASIC PART #**

**SPECIFY PIN FINISH:**
- 01 200 µ" TIN/LEAD OVER NICKEL
- 80 200 µ" TIN OVER NICKEL (RoHS)
- 44 300 µ" SILVER OVER COPPER (RoHS)
- 50 300 µ" ELECTRO-SOLDER (60/40 SnPb)
### Male PCB Pins

#### Solder Terminal Turrets

**2802**

**2802-X-00-XX-00-00-07-0**

- Swage mount in .118 hole

**Dimensions:**

<table>
<thead>
<tr>
<th>Basic Part Number</th>
<th>Board Thickness</th>
<th>Length</th>
</tr>
</thead>
<tbody>
<tr>
<td>2802-1</td>
<td>.031</td>
<td>.078</td>
</tr>
<tr>
<td>2802-2</td>
<td>.062</td>
<td>.109</td>
</tr>
<tr>
<td>2802-3</td>
<td>.094</td>
<td>.140</td>
</tr>
<tr>
<td>2802-4</td>
<td>.125</td>
<td>.171</td>
</tr>
</tbody>
</table>

**2804**

**2804-X-00-XX-00-00-07-0**

- Swage mount in .118 hole

**Dimensions:**

<table>
<thead>
<tr>
<th>Basic Part Number</th>
<th>Board Thickness</th>
<th>Length</th>
</tr>
</thead>
<tbody>
<tr>
<td>2804-1</td>
<td>.031</td>
<td>.078</td>
</tr>
<tr>
<td>2804-2</td>
<td>.062</td>
<td>.109</td>
</tr>
<tr>
<td>2804-3</td>
<td>.094</td>
<td>.140</td>
</tr>
<tr>
<td>2804-4</td>
<td>.125</td>
<td>.171</td>
</tr>
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**2805**

**2805-X-00-XX-00-00-07-0**

- Swage mount in .116 hole

**Dimensions:**

<table>
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<th>Basic Part Number</th>
<th>Board Thickness</th>
<th>Length</th>
</tr>
</thead>
<tbody>
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<td>2805-2</td>
<td>.062</td>
<td>.105</td>
</tr>
<tr>
<td>2805-3</td>
<td>.094</td>
<td>.135</td>
</tr>
<tr>
<td>2805-4</td>
<td>.125</td>
<td>.165</td>
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**2806**

**2806-X-00-XX-00-00-07-0**

- Swage mount in .116 hole

**Dimensions:**

<table>
<thead>
<tr>
<th>Basic Part Number</th>
<th>Board Thickness</th>
<th>Length</th>
</tr>
</thead>
<tbody>
<tr>
<td>2806-1</td>
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<td>.078</td>
</tr>
<tr>
<td>2806-2</td>
<td>.062</td>
<td>.109</td>
</tr>
<tr>
<td>2806-3</td>
<td>.094</td>
<td>.141</td>
</tr>
<tr>
<td>2806-4</td>
<td>.125</td>
<td>.172</td>
</tr>
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</table>

**2801**

**2801-X-00-XX-00-00-07-0**

- Swage mount in .116 hole

**Dimensions:**

<table>
<thead>
<tr>
<th>Basic Part Number</th>
<th>Board Thickness</th>
<th>Length</th>
</tr>
</thead>
<tbody>
<tr>
<td>2801-1</td>
<td>.031</td>
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</tr>
<tr>
<td>2801-2</td>
<td>.062</td>
<td>.109</td>
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<tr>
<td>2801-3</td>
<td>.094</td>
<td>.141</td>
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<tr>
<td>2801-4</td>
<td>.125</td>
<td>.172</td>
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**2801-5**

**2801-5-2**

**2801-5-3**

**2801-5-4**

**2801-X-00-XX-00-00-07-0**

**2811**

**2811-X-00-XX-00-00-07-0**

- Swage mount in .116 hole

**Dimensions:**

<table>
<thead>
<tr>
<th>Basic Part Number</th>
<th>Board Thickness</th>
<th>Length</th>
</tr>
</thead>
<tbody>
<tr>
<td>2811-1</td>
<td>.031</td>
<td>.075</td>
</tr>
<tr>
<td>2811-2</td>
<td>.062</td>
<td>.105</td>
</tr>
<tr>
<td>2811-3</td>
<td>.094</td>
<td>.135</td>
</tr>
<tr>
<td>2811-4</td>
<td>.125</td>
<td>.165</td>
</tr>
</tbody>
</table>

### Specifications:

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

(Swage pins are annealed)

**Dimensions:** Inches

**Tolerances On:**

- Lengths: ±.005
- Diameters: ±.002
- Angles: ± 2°

**Order Code:** XXXX - X - 00 - XX - 00 - 00 - 07 - 0

**Basic Part #**

**Specify Pin Finish:**

- 01 200 μ" TIN/LEAD OVER NICKEL
- 80 200 μ" TIN OVER NICKEL (RoHS)
- 44 300 μ" SILVER OVER COPPER (RoHS)
- 50 300 μ" ELECTRO-SOLDER (60/40 SnPb)
**SPECIFICATIONS:**

Pin Material: Brass Alloy 360, 1/2 Hard  
( Swage pins are annealed )

Dimensions: Inches
Tolerances On: Lengths: ± .005  
Diameters: ± .002  
Angles: ± 2°

**ORDER CODE:** XXXX - X - 01 - XX - 00 - 00 - 07 - 0

**SPECIFY PIN FINISH:**
- 01 200 μ" TIN/LEAD OVER NICKEL
- 80 200 μ" TIN OVER NICKEL (RoHS)
- 44 300 μ" SILVER OVER COPPER (RoHS)
- 50 300 μ" ELECTRO-SOLDER  
(60/40 SnPb)
### MALE PCB PINS

**SOLDER TERMINALS SLOTTED**

#### 2303

2303-XX-00-00-07-0

Swage mount in .064 hole

<table>
<thead>
<tr>
<th>Basic Part Number</th>
<th>Board Thickness</th>
<th>Length V</th>
</tr>
</thead>
<tbody>
<tr>
<td>23XX-1</td>
<td>.031</td>
<td>.053</td>
</tr>
<tr>
<td>23XX-2</td>
<td>.062</td>
<td>.084</td>
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<tr>
<td>23XX-3</td>
<td>.094</td>
<td>.115</td>
</tr>
<tr>
<td>23XX-4</td>
<td>.125</td>
<td>.147</td>
</tr>
</tbody>
</table>

#### 2302

2302-XX-00-00-07-0

Swage mount in .064 hole

<table>
<thead>
<tr>
<th>Basic Part Number</th>
<th>Board Thickness</th>
<th>Length V</th>
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<tbody>
<tr>
<td>2320-1</td>
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<td>.062</td>
<td>.084</td>
</tr>
<tr>
<td>2320-3</td>
<td>.094</td>
<td>.115</td>
</tr>
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</table>

#### 2301

2301-XX-00-00-07-0

Swage mount in .064 hole

<table>
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<th>Basic Part Number</th>
<th>Board Thickness</th>
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</thead>
<tbody>
<tr>
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<td>.053</td>
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<tr>
<td>2321-2</td>
<td>.062</td>
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<tr>
<td>2321-3</td>
<td>.094</td>
<td>.115</td>
</tr>
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#### 2520

2520-XX-00-00-07-0

Swage mount in .064 hole

<table>
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<tr>
<td>25XX-2</td>
<td>.062</td>
<td>.094</td>
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<tr>
<td>25XX-3</td>
<td>.094</td>
<td>.125</td>
</tr>
<tr>
<td>25XX-4</td>
<td>.125</td>
<td>.156</td>
</tr>
</tbody>
</table>

#### 2517

2517-XX-00-00-07-0

Swage mount in .064 hole

<table>
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<tr>
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<th>Board Thickness</th>
<th>Length V</th>
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</tr>
<tr>
<td>25XX-2</td>
<td>.062</td>
<td>.094</td>
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</tbody>
</table>

#### SPECIFICATIONS:

**Pin Material:** Brass Alloy 360, 1/2 Hard  
( Swage pins are annealed )

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

**ORDER CODE:** XXXX - X - 01 - XX - 00 - 00 - 07 - 0

**SPECIFY PIN FINISH:**

- **01** 200 μ" TIN/LEAD OVER NICKEL  
- **80** 200 μ" TIN OVER NICKEL (RoHS)  
- **44** 300 μ" SILVER OVER COPPER (RoHS)  
- **50** 300 μ" ELECTRO-SOLDER  
  (60/40 SnPb)
Mill-Max manufactures many different types of pins and receptacles for terminating wires. There are solder cup and crimp barrel styles for terminating discrete wires to boards, making up cable assemblies or converting device wires to pluggable pins. We have slotted and turret styles for connecting power and ground wires or for test and jumper applications. Wrapost termination styles are also available for prototyping and test. Along with our wide selection of standard products, custom designs are available by contacting Mill-Max Technical Services.
**MALE PCB PINS**

**SPECIFICATIONS:**

- **Pin Material:** Brass Alloy 360, 1/2 Hard  
  (Swage pins are annealed)
- **Dimensions:** Inches  
  - **Tolerances On:**  
    - Lengths: ± .005  
    - Diameters: ± .002  
    - Angles: ± 2°

- **ORDER CODE:** XXXX - X - 01 - XX - 00 - 00 - 07 - 0

- **SPECIFY PIN FINISH:**
  - 01 200 μ" TIN/LEAD OVER NICKEL  
  - 80 200 μ" TIN OVER NICKEL (RoHS)  
  - 44 300 μ" SILVER OVER COPPER (RoHS)  
  - 50 300 μ" ELECTRO-SOLDER  
    - (60/40 SnPb)

---

**MALE PCB PINS**

**SPECIFICATIONS:**

- **Pin Material:** Brass Alloy 360, 1/2 Hard  
  (Swage pins are annealed)
- **Dimensions:** Inches  
  - **Tolerances On:**  
    - Lengths: ± .005  
    - Diameters: ± .002  
    - Angles: ± 2°

- **ORDER CODE:** XXXX - X - 01 - XX - 00 - 00 - 07 - 0

- **SPECIFY PIN FINISH:**
  - 01 200 μ" TIN/LEAD OVER NICKEL  
  - 80 200 μ" TIN OVER NICKEL (RoHS)  
  - 44 300 μ" SILVER OVER COPPER (RoHS)  
  - 50 300 μ" ELECTRO-SOLDER  
    - (60/40 SnPb)

---

**MALE PCB PINS**

**SPECIFICATIONS:**

- **Pin Material:** Brass Alloy 360, 1/2 Hard  
  (Swage pins are annealed)
- **Dimensions:** Inches  
  - **Tolerances On:**  
    - Lengths: ± .005  
    - Diameters: ± .002  
    - Angles: ± 2°

- **ORDER CODE:** XXXX - X - 01 - XX - 00 - 00 - 07 - 0

- **SPECIFY PIN FINISH:**
  - 01 200 μ" TIN/LEAD OVER NICKEL  
  - 80 200 μ" TIN OVER NICKEL (RoHS)  
  - 44 300 μ" SILVER OVER COPPER (RoHS)  
  - 50 300 μ" ELECTRO-SOLDER  
    - (60/40 SnPb)
### SPECIFICATIONS:

**Pin Material:** Brass Alloy 360, 1/2 Hard  
(Swage pins are annealed)

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

---

**ORDER CODE:** XXXX - X - 01 - XX - 00 - 00 - 07 - 0  
**SPECIFY PIN FINISH:**  
- 01 200 μ" TIN/LEAD OVER NICKEL  
- 80 200 μ" TIN OVER NICKEL (RoHS)  
- 44 300 μ" SILVER OVER COPPER (RoHS)  
- 50 300 μ" ELECTRO-SOLDER (60/40 SnPb)

---

#### MALE PCB PINS

**SOLDER TERMINALS SLOTTED**

<table>
<thead>
<tr>
<th>Basic Part Number</th>
<th>Board Thickness</th>
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<td>2314-2</td>
<td>.062</td>
<td>.094</td>
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<tr>
<td>2314-3</td>
<td>.094</td>
<td>.125</td>
</tr>
<tr>
<td>2314-4</td>
<td>.125</td>
<td>.156</td>
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<table>
<thead>
<tr>
<th>Basic Part Number</th>
<th>Board Thickness</th>
<th>Length</th>
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<td>2515-2</td>
<td>.062</td>
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<td>2515-4</td>
<td>.125</td>
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<table>
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<th>Length</th>
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<tr>
<td>2516-3</td>
<td>.094</td>
<td>.135</td>
</tr>
<tr>
<td>2516-4</td>
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<td>.147</td>
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<tr>
<td>2502-2</td>
<td>.062</td>
<td>.111</td>
</tr>
<tr>
<td>2502-3</td>
<td>.094</td>
<td>.143</td>
</tr>
<tr>
<td>2502-4</td>
<td>.125</td>
<td>.174</td>
</tr>
</tbody>
</table>

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**MALE PCB PINS**

**SOLDER TERMINALS SLOTTED**

### 2715

**2715-X-01-XX-00-00-07-0**

Swage mount in .116 hole

<table>
<thead>
<tr>
<th>Basic Part Number</th>
<th>Board Thickness</th>
<th>Length V</th>
</tr>
</thead>
<tbody>
<tr>
<td>2715-2</td>
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<tr>
<td>2715-3</td>
<td>.094</td>
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<tr>
<td>2715-4</td>
<td>.125</td>
<td>.172</td>
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</tbody>
</table>

### 2809

**2809-X-01-XX-00-00-07-0**

Swage mount in .116 hole

<table>
<thead>
<tr>
<th>Basic Part Number</th>
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<th>Length V</th>
<th>Depth D</th>
</tr>
</thead>
<tbody>
<tr>
<td>2809-1</td>
<td>.031</td>
<td>.078</td>
<td>.068</td>
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<tr>
<td>2809-2</td>
<td>.062</td>
<td>.109</td>
<td>.098</td>
</tr>
<tr>
<td>2809-3</td>
<td>.094</td>
<td>.141</td>
<td>.098</td>
</tr>
<tr>
<td>2809-4</td>
<td>.125</td>
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<td>.098</td>
</tr>
</tbody>
</table>

### 2701

**2701-X-01-XX-00-00-07-0**

Swage mount in .116 hole

### 2808

**2808-X-01-XX-00-00-07-0**

Swage mount in .116 hole

<table>
<thead>
<tr>
<th>Basic Part Number</th>
<th>Board Thickness</th>
<th>Length V</th>
</tr>
</thead>
<tbody>
<tr>
<td>2XXX-1</td>
<td>.031</td>
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<td>2XXX-2</td>
<td>.062</td>
<td>.105</td>
</tr>
<tr>
<td>2XXX-3</td>
<td>.094</td>
<td>.135</td>
</tr>
<tr>
<td>2XXX-4</td>
<td>.125</td>
<td>.165</td>
</tr>
</tbody>
</table>

### 2762

**2762-4-01-XX-00-00-07-0**

Swage mount in .116 hole

For a .125 thick board

### 2807

**2807-X-01-XX-00-00-07-0**

Swage mount in .116 hole

<table>
<thead>
<tr>
<th>Basic Part Number</th>
<th>Board Thickness</th>
<th>Length V</th>
</tr>
</thead>
<tbody>
<tr>
<td>2807-1</td>
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<td>.078</td>
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<tr>
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<td>.109</td>
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<tr>
<td>2807-3</td>
<td>.094</td>
<td>.140</td>
</tr>
<tr>
<td>2807-4</td>
<td>.125</td>
<td>.171</td>
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</tbody>
</table>

### 3622

**3622-0-32-15-00-00-03-0**

Slotted compliant tail press fit in .040 ± .003 plated hole. For .060”→.100” thick board

When multiple pins are used for board edge mount applications, the .070” slots must be aligned uniformly.

### SPECIFICATIONS:

- **Pin Material:** Brass Alloy 360, 1/2 Hard (Swage pins are annealed)
- **Dimensions: Inches**
- **Tolerances On:** Lengths: ±.005, Diameters: ±.002, Angles: ± 2°

### ORDER CODE: XXXX - X - XX - XX - 00 - 00 - 07 - 0

**SPECIFY PIN FINISH:**

- 01 200 μ" TIN/LEAD OVER NICKEL
- 15 10 μ" GOLD OVER NICKEL (RoHS)
- 80 200 μ" TIN OVER NICKEL (RoHS)
- 44 300 μ" SILVER OVER COPPER (RoHS)
- 50 300 μ" ELECTRO-SOLDER (60/40 SnPb)

**Part #3622 plating ONLY**
# Male PCB Pins

## Solder Terminals Various Types

### 2709

**2709-X-07-XX-00-00-07-0**  
Swage mount in .116 hole

<table>
<thead>
<tr>
<th>Basic Part Number</th>
<th>Board Thickness</th>
<th>Length V</th>
<th>Length A</th>
</tr>
</thead>
<tbody>
<tr>
<td>2709-2</td>
<td>.062</td>
<td>.109</td>
<td>.281</td>
</tr>
<tr>
<td>2709-3</td>
<td>.094</td>
<td>.141</td>
<td>.250</td>
</tr>
</tbody>
</table>

### 2115

**2115-2-00-XX-00-00-07-0**  
Swage mount in .043 hole  
For a .062 thick board

### 2326

**2326-2-00-XX-00-00-07-0**  
Swage mount in .055 hole  
For a .062 thick board

### 6430

**6430-0-00-XX-00-00-03-0**  
Press-fit in .025 mounting hole

### 5731

**5731-0-00-XX-00-00-02-0**  
Press-fit in .056 mounting hole

### 8831

**8831-0-00-XX-00-00-02-0**  
Press-fit in .057 mounting hole

### 0995

**0995-0-00-XX-00-00-03-0**  
Press-fit in .057 mounting hole

### 8835

**8835-0-00-XX-00-00-03-0**  
Press-fit in .057 mounting hole

### 5130

**5130-0-00-XX-00-00-03-0**  
Press-fit in .056 mounting hole

## Specifications:

- **Pin Material:** Brass Alloy 360, 1/2 Hard  
  (Swage pins are annealed)

- **Dimensions:** Inches

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

## Order Code: XXXX - X - XX - XX - 00 - 00 - XX - 0

## Specify Pin Finish:

- **01** 200 μ" Tin/Lead over Nickel
- **80** 200 μ" Tin over Nickel (RoHS)
- **44** 300 μ" Silver over Copper (RoHS)
- **50** 300 μ" Electro-Solder (60/40 SnPb)
# MALE PCB PINS

## SOLDER TERMINALS PIN TYPE

### 2318

**2318-XX-00-XX-00-07-0**
Swage mount in .062 hole

<table>
<thead>
<tr>
<th>Basic Part Number</th>
<th>Board Thickness</th>
<th>Length</th>
</tr>
</thead>
<tbody>
<tr>
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<td>.051</td>
</tr>
<tr>
<td>2318-2</td>
<td>.062</td>
<td>.082</td>
</tr>
<tr>
<td>2318-3</td>
<td>.094</td>
<td>.113</td>
</tr>
</tbody>
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### 2309

**2309-XX-00-XX-00-07-0**
Swage mount in .064 hole

<table>
<thead>
<tr>
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<th>Board Thickness</th>
<th>Length</th>
</tr>
</thead>
<tbody>
<tr>
<td>2309-1</td>
<td>.031</td>
<td>.054</td>
</tr>
<tr>
<td>2309-2</td>
<td>.062</td>
<td>.084</td>
</tr>
<tr>
<td>2309-3</td>
<td>.094</td>
<td>.115</td>
</tr>
<tr>
<td>2309-4</td>
<td>.125</td>
<td>.147</td>
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### 2514

**2514-XX-00-XX-00-07-0**
Press-fit in .070 mounting hole

<table>
<thead>
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<th>Pin Length</th>
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<tbody>
<tr>
<td>2514-1</td>
<td>.187</td>
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<td>2514-2</td>
<td>.125</td>
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<tr>
<td>2514-3</td>
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### 8602

**8602-1-XX-00-00-07-0**
Square press-fit in .032 plated through-hole

<table>
<thead>
<tr>
<th>Basic Part Number</th>
<th>Pin Length</th>
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<tbody>
<tr>
<td>8602-1</td>
<td>.028</td>
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<tr>
<td>8602-2</td>
<td>.033</td>
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<tr>
<td>8602-3</td>
<td>.040</td>
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### 3050

**3050-XX-00-XX-00-03-0**
Press-fit in .032 mounting hole
For wire sizes up to 26 AWG

<table>
<thead>
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<th>Pin Length</th>
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<tbody>
<tr>
<td>3050-1</td>
<td>.024</td>
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<tr>
<td>3050-2</td>
<td>.035</td>
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<tr>
<td>3050-3</td>
<td>.032</td>
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### 8250

**8250-XX-00-XX-00-03-0**
Press-fit in .034 mounting hole

<table>
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<th>Basic Part Number</th>
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<tbody>
<tr>
<td>8250-1</td>
<td>.020</td>
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<tr>
<td>8250-2</td>
<td>.0295</td>
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### 9994

**9994-XX-00-XX-00-03-0**
Press-fit in .033 mounting hole

<table>
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<th>Basic Part Number</th>
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<tbody>
<tr>
<td>9994-1</td>
<td>.015</td>
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<tr>
<td>9994-2</td>
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<td>9994-3</td>
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### 9067

**9067-XX-00-XX-00-03-0**
Press-fit in .055 mounting hole

<table>
<thead>
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<tbody>
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<td>.020</td>
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## SPECIFICATIONS:

**Pin Material:** Brass Alloy 360, 1/2 Hard
( Swage pins are annealed )

**Dimensions:** Inches

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

**ORDER CODE:** XXXX - X - 00 - XX - 00 - 00 - 07 - 0

**SPECIFY PIN FINISH:**
- 01 200 μ" TIN/LEAD OVER NICKEL
- 08 200 μ" TIN OVER NICKEL (RoHS)
- 44 300 μ" SILVER OVER COPPER (RoHS)
- 50 300 μ" ELECTRO-SOLDER (60/40 SnPb)
# Male PCB Pins

## Solder Terminals Pin Type

<table>
<thead>
<tr>
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<td>Swage mount in .076 hole</td>
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</table>

<table>
<thead>
<tr>
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<th>Board Thickness</th>
<th>Length V</th>
</tr>
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<tbody>
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<td>2319-2</td>
<td>.062</td>
<td>.082</td>
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<td>2319-3</td>
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<table>
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<tbody>
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</table>

<table>
<thead>
<tr>
<th>Basic Part Number</th>
<th>Board Thickness</th>
<th>Length V</th>
</tr>
</thead>
<tbody>
<tr>
<td>2313-1</td>
<td>.031</td>
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</tr>
<tr>
<td>2313-2</td>
<td>.062</td>
<td>.084</td>
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<tr>
<td>2313-3</td>
<td>.094</td>
<td>.113</td>
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<td>2313-4</td>
<td>.125</td>
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<tbody>
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<td>Swage mount in .076 hole</td>
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</tbody>
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<table>
<thead>
<tr>
<th>Basic Part Number</th>
<th>Board Thickness</th>
<th>Length V</th>
</tr>
</thead>
<tbody>
<tr>
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<td>.051</td>
</tr>
<tr>
<td>2321-2</td>
<td>.062</td>
<td>.082</td>
</tr>
<tr>
<td>2321-3</td>
<td>.094</td>
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<tr>
<td>2321-4</td>
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</thead>
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<tr>
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<td>Swage mount in .120 hole</td>
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</tbody>
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<table>
<thead>
<tr>
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<th>Board Thickness</th>
<th>Length V</th>
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<tbody>
<tr>
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<tr>
<td>2706-2</td>
<td>.062</td>
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<td>2706-3</td>
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<table>
<thead>
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<tbody>
<tr>
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<table>
<thead>
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<th>Length V</th>
</tr>
</thead>
<tbody>
<tr>
<td>2530-2</td>
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<td>.094</td>
</tr>
<tr>
<td>2530-3</td>
<td>.094</td>
<td>.125</td>
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<tr>
<td>2530-4</td>
<td>.125</td>
<td>.156</td>
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<table>
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<tbody>
<tr>
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<td>Swage mount in .076 hole</td>
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</tbody>
</table>

<table>
<thead>
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<th>Basic Part Number</th>
<th>Board Thickness</th>
<th>Length V</th>
</tr>
</thead>
<tbody>
<tr>
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<td>.051</td>
</tr>
<tr>
<td>3156-2</td>
<td>.062</td>
<td>.082</td>
</tr>
<tr>
<td>3156-3</td>
<td>.094</td>
<td>.113</td>
</tr>
<tr>
<td>3156-4</td>
<td>.125</td>
<td>.145</td>
</tr>
</tbody>
</table>

**Specifications:**

- **Pin Material:** Brass Alloy 360, 1/2 Hard
  (Swage pins are annealed)
- **Dimensions:** Inches
- **Tolerances On:**
  - Lengths: ±.005
  - Diameters: ±.002
  - Angles: ±2°

**Order Code:** XXXX - X - 00 - XX - 00 - 00 - XX - 0

**Basic Part #**

**Specify Pin Finish:**

- 01 200 µ” Tin/Lead over Nickel
- 80 200 µ” Tin over Nickel (RoHS)
- 44 300 µ” Silver over Copper (RoHS)
- 50 300 µ” Electro-Solder
  (60/40 SnPb)

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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