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.
### Printed Circuit Pins - Nail Head Type

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

<table>
<thead>
<tr>
<th>Dimensions: Inches</th>
</tr>
</thead>
<tbody>
<tr>
<td>Lengths: ± .005</td>
</tr>
<tr>
<td>Diameters: ± .002</td>
</tr>
<tr>
<td>Angles: ± 2°</td>
</tr>
</tbody>
</table>

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

#### Basic Part #

<table>
<thead>
<tr>
<th>Number</th>
<th>Description</th>
<th>Specifications</th>
</tr>
</thead>
<tbody>
<tr>
<td>9050</td>
<td>Solder mount in .016 mounting hole</td>
<td>9050-0-00-XX-00-00-33-0</td>
</tr>
<tr>
<td>4184</td>
<td>Solder mount in .014 mounting hole</td>
<td>4184-0-00-XX-00-00-33-0</td>
</tr>
<tr>
<td>4825</td>
<td>Solder mount in .019 mounting hole</td>
<td>4825-0-00-XX-00-00-33-0</td>
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<td>Solder mount in .022 mounting hole</td>
<td>4288-0-00-XX-00-00-33-0</td>
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<tr>
<td>4353</td>
<td>Solder mount in .016 mounting hole</td>
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</tr>
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<td>6083</td>
<td>Solder mount in .016 mounting hole</td>
<td>6083-0-00-XX-00-00-33-0</td>
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<td>Solder mount in .019 mounting hole</td>
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<td>4068</td>
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<td>4068-0-00-XX-00-00-33-0</td>
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<td>5063</td>
<td>Solder mount in .024 mounting hole</td>
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<td>6547</td>
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<tr>
<td>9185</td>
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**RoHS - 2**

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<td>01</td>
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</tr>
<tr>
<td>08</td>
<td>200 μ&quot; TIN OVER NICKEL (RoHS)</td>
<td></td>
</tr>
<tr>
<td>15</td>
<td>10 μ&quot; GOLD OVER NICKEL (RoHS)</td>
<td></td>
</tr>
<tr>
<td>21</td>
<td>20 μ&quot; GOLD OVER NICKEL (RoHS)</td>
<td></td>
</tr>
<tr>
<td>34</td>
<td>50 μ&quot; GOLD OVER NICKEL (RoHS)</td>
<td></td>
</tr>
</tbody>
</table>
**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°

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

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

**BASIC PART #**

**SOLDER MOUNT IN 0.026 MOUNTING HOLE**

- **8277**
  - 8277-0-00-XX-00-00-03-0
  - Solder mount in .026 mounting hole

- **8257**
  - 8257-0-00-XX-00-00-33-0
  - Solder mount in .026 mounting hole

- **4209**
  - 4209-0-00-XX-00-00-33-0
  - Solder mount in .022 mounting hole

- **8451**
  - 8451-0-00-XX-00-00-33-0
  - Solder mount in .029 mounting hole

**SOLDER MOUNT IN 0.024 MOUNTING HOLE**

- **5058**
  - 5058-0-00-XX-00-00-03-0
  - Solder mount in .024 mounting hole
  - Also available on 16mm wide carrier tape: 2,000 parts per 13” reel.
  - See page 224.2 for Tape & Reel details

- **5035**
  - 5035-0-00-XX-00-00-33-0
  - Solder mount in .029 mounting hole

- **9113**
  - 9113-0-00-XX-00-00-38-0
  - Solder mount in .022 mounting hole
  - Also available on 16mm wide carrier tape: 1,800 parts per 13” reel.
  - See page 224.2 for Tape & Reel details

- **5068**
  - 5068-0-00-XX-00-00-03-0
  - Solder mount in .022 mounting hole

**SOLDER MOUNT IN 0.022 MOUNTING HOLE**

- **9137**
  - 9137-0-00-XX-00-00-38-0
  - Solder mount in .022 mounting hole

- **7113**
  - 7113-0-00-XX-00-00-03-0
  - Solder mount in .022 mounting hole

- **4965**
  - 4965-0-00-XX-00-00-33-0
  - Solder mount in .024 mounting hole
  - Also available on 24mm wide carrier tape: 1,300 parts per 13” reel.
  - See page 224.2 for Tape & Reel details

- **4071**
  - 4071-0-00-XX-00-00-33-0
  - Solder mount in .029 mounting hole

**SOLDER MOUNT IN 0.029 MOUNTING HOLE**

- **9113**
  - 9113-0-00-XX-00-00-38-0
  - Solder mount in .022 mounting hole

**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 • 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

**BASIC PART #**

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

**SPECIFY PIN FINISH:**
- 01 200 μ" TIN/LEAD OVER NICKEL
- 02 200 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)

---

**5137**
- 5137-00-XX-00-00-38-0
- Solder mount in .022 mounting hole
- .050 DIA.
- .018 DIA.
- .020 DIA.
- .320 DIA.

**4964**
- 4964-00-XX-00-00-33-0
- Solder mount in .024 mounting hole
- .050 DIA.
- .020 DIA.
- .008 DIA.
- .351 DIA.

**4361**
- 4361-00-XX-00-00-33-0
- Solder mount in .022 mounting hole
- 3,600 parts per 13" reel.
- See page 224.2 for Tape & Reel details
- .052 DIA.
- .018 DIA.
- .070 DIA.

**6477**
- 6477-00-XX-00-00-38-0
- Solder mount in .034 mounting hole
- .055 DIA.
- .015 DIA.
- .165 DIA.

**4477**
- 4477-00-XX-00-00-33-0
- Solder mount in .034 mounting hole
- Also available on 24mm wide carrier tape: 1,300 parts per 13" reel.
- See page 224.2 for Tape & Reel details
- .055 DIA.
- .030 DIA.
- .230 DIA.

**4268**
- 4268-00-XX-00-00-33-0
- Solder mount in .039 mounting hole
- .060 DIA.
- .035 DIA.
- .130 DIA.

**9086**
- 9086-00-XX-00-00-33-0
- Solder mount in .040 mounting hole
- .060 DIA.
- .036 DIA.
- .175 DIA.

**5850**
- 5850-00-XX-00-00-03-0
- Solder mount in .029 mounting hole
- .060 DIA.
- .025 DIA.
- .265 DIA.

**1179**
- 1179-00-XX-00-00-33-0
- Solder mount in .044 mounting hole
- .060 DIA.
- .040 DIA.
- .664 DIA.

**5240**
- 5240-00-XX-00-00-33-0
- Solder mount in .029 mounting hole
- .062 DIA.
- .025 DIA.
- .240 DIA.

**6170**
- 6170-00-XX-00-00-03-0
- Solder mount in .029 mounting hole
- .055 DIA.
- .025 DIA.
- .320 DIA.

**8808**
- 8808-00-XX-00-00-33-0
- Solder mount in .024 mounting hole
- .070 DIA.
- .020 DIA.
- .320 DIA.

**1179**
- 1179-00-XX-00-00-33-0
- Solder mount in .044 mounting hole
- .060 DIA.
- .040 DIA.
- .664 DIA.

**5240**
- 5240-00-XX-00-00-33-0
- Solder mount in .029 mounting hole
- .062 DIA.
- .025 DIA.
- .240 DIA.

**6170**
- 6170-00-XX-00-00-03-0
- Solder mount in .029 mounting hole
- .055 DIA.
- .025 DIA.
- .320 DIA.

**8808**
- 8808-00-XX-00-00-33-0
- Solder mount in .024 mounting hole
- .070 DIA.
- .020 DIA.
- .320 DIA.

---

**Also available on 24mm wide carrier tape:**
- 1,300 parts per 13" reel.
- See page 224.2 for Tape & Reel details

**Also available on 16mm wide carrier tape:**
- 3,600 parts per 13" reel.
- See page 224.2 for Tape & Reel details

---

**Also available on 24mm wide carrier tape:**
- 1,300 parts per 13" reel.
- See page 224.2 for Tape & Reel details

**Also available on 16mm wide carrier tape:**
- 3,600 parts per 13" reel.
- See page 224.2 for Tape & Reel details
MALE PCB PINS

PRINTED CIRCUIT PINS • NAIL HEAD TYPE

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

**ORDER CODE:** XXXX - 00 - 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)

---

**8330**

8330-0-00-00-38-0
Solder mount in .044 mounting hole
Also available on 24mm wide carrier tape: 610 parts per 13” reel.
See page 224.3 for Tape & Reel details

---

**6599**

6599-0-00-00-00-03-0
Solder mount in .024 mounting hole

---

**9265**

9265-0-00-00-00-38-0
Solder mount in .063 mounting hole
Also available on 16mm wide carrier tape: 1,170 parts per 13” reel.
See page 224.3 for Tape & Reel details

---

**2650**

2650-0-00-00-00-33-0
Solder mount in .029 mounting hole

---

**9872**

9872-0-00-00-33-0
Solder mount in .049 mounting hole

---

**9228**

9228-0-00-00-38-0
Solder mount in .044 mounting hole

---

**6095**

6095-0-00-00-38-0
Solder mount in .044 mounting hole

---

**6092**

6092-0-00-00-33-0
Solder mount in .044 mounting hole

---

**5909**

5909-0-00-00-03-0
Solder mount in .044 mounting hole

---

**2381**

2381-0-00-00-00-33-0
Solder mount in .054 mounting hole
Also available on 16mm wide carrier tape: 1,800 parts per 13” reel.
See page 224.3 for Tape & Reel details

---

**5062**

5062-0-00-00-00-33-0
Solder mount in .029 mounting hole

---

**6599**

6599-0-00-00-00-03-0
Solder mount in .024 mounting hole

---

**9265**

9265-0-00-00-00-38-0
Solder mount in .063 mounting hole
Also available on 16mm wide carrier tape: 1,170 parts per 13” reel.
See page 224.3 for Tape & Reel details

---

**2650**

2650-0-00-00-00-33-0
Solder mount in .029 mounting hole
## 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 - 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

#### STRAIGHT PINS

<table>
<thead>
<tr>
<th>Part Number</th>
<th>Length L</th>
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<tbody>
<tr>
<td>3320-0</td>
<td>.250</td>
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<tr>
<td>3320-1</td>
<td>.500</td>
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**3320**

<table>
<thead>
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<th>Part Number</th>
<th>Length L</th>
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<tbody>
<tr>
<td>3330-0</td>
<td>.250</td>
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<tr>
<td>3330-1</td>
<td>.500</td>
</tr>
<tr>
<td>3330-2</td>
<td>.750</td>
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</table>

**3330**

<table>
<thead>
<tr>
<th>Part Number</th>
<th>Length L</th>
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<tbody>
<tr>
<td>3560-0</td>
<td>.250</td>
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<tr>
<td>3560-1</td>
<td>.500</td>
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<td>3560-2</td>
<td>.750</td>
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**3560**

<table>
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<td>3580-1</td>
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<td>.750</td>
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**3580**

### 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>Order Code</th>
<th>Basic Part #</th>
<th>Basic Part Code</th>
<th>Description</th>
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<tbody>
<tr>
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<td>Right Angle Bent Pin</td>
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<tr>
<td>3725</td>
<td>3725-0-14-XX-00-00-03-0</td>
<td>Right Angle Bent Pin</td>
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</tr>
<tr>
<td>3730</td>
<td>3730-0-14-XX-00-00-03-0</td>
<td>Right Angle Bent Pin</td>
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<td>3740</td>
<td>3740-0-14-XX-00-00-03-0</td>
<td>Right Angle Bent Pin</td>
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<tr>
<td>3760</td>
<td>3760-0-14-XX-00-00-03-0</td>
<td>Right Angle Bent Pin</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:

**37XX - X - 00 - XX - 00 - 00 - 03 - 0**

### Specify Pin Finish:

- 80 200 μ" TIN OVER NICKEL (RoHS)
- 15 10 μ" GOLD OVER NICKEL (RoHS)
### MALE PCB PINS

#### PRINTED CIRCUIT PINS

<table>
<thead>
<tr>
<th>Basic Part Number</th>
<th>Length</th>
<th>Material</th>
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<td>4006-2</td>
<td>.288</td>
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</table>

**4006**

4006-X-00-XX-00-00-03-0

Hex press-fit in .034 mounting hole

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<thead>
<tr>
<th>Basic Part Number</th>
<th>Substrate Thickness</th>
<th>Length</th>
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<tr>
<td>3121-1</td>
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<td>.061</td>
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<td>3121-2</td>
<td>.040</td>
<td>.075</td>
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</tbody>
</table>

**3121**

3121-X-00-XX-00-00-08-0

Solder mount in .023 mounting hole

**3128**

3128-X-00-XX-00-00-08-0

Solder mount in .024 min. mounting hole

**3006**

3006-0-00-XX-00-00-02-0

Press-fit in .034 mounting hole

**8885**

8885-0-00-XX-00-00-03-0

Press-fit in .057 mounting hole

**6218**

6218-00-XX-00-00-03-0

Press-fit in .057 mounting hole

**5012**

5012-0-00-XX-00-00-03-0

Press-fit in .057 mounting hole

**9081**

9081-0-00-XX-00-00-08-0

Solder mount in .024 mounting hole

**3039**

3039-0-00-15-00-00-00-03-0

Press-fit in .025 mounting hole

<table>
<thead>
<tr>
<th>Substrate Thickness</th>
<th>Length</th>
</tr>
</thead>
<tbody>
<tr>
<td>.011</td>
<td>.075</td>
</tr>
<tr>
<td>.018</td>
<td>.140</td>
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</tbody>
</table>

**SPECIFICATIONS:**

Pin Material: Brass Alloy 360, 1/2 Hard

Dimensions: Inches

Tolerances:
- 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)
**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

### 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)

---

### Basic Part Numbers and Dimensions

<table>
<thead>
<tr>
<th>Basic Part Number</th>
<th>Length</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>8685-0</td>
<td>.125</td>
<td>Press-fit in .033 mounting hole</td>
</tr>
<tr>
<td>9036-0</td>
<td>.175</td>
<td>Press-fit in .033 mounting hole</td>
</tr>
<tr>
<td>9051-0</td>
<td>.125</td>
<td>Press-fit in .057 mounting hole</td>
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<td>6109-0</td>
<td>.125</td>
<td>Press-fit in .026 mounting hole</td>
</tr>
<tr>
<td>9159-0</td>
<td>.125</td>
<td>Press-fit in .026 mounting hole</td>
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<td>3790-0</td>
<td>.125</td>
<td>Press-fit in .057 mounting hole</td>
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<tr>
<td>3796-0</td>
<td>.125</td>
<td>Press-fit in .057 mounting hole</td>
</tr>
<tr>
<td>7979-0</td>
<td>.381</td>
<td>Hex press-fit in .034 plated through-hole</td>
</tr>
<tr>
<td>7979-0</td>
<td>.693</td>
<td>Hex press-fit in .034 plated through-hole</td>
</tr>
<tr>
<td>3790-0</td>
<td>.125</td>
<td>Hex press-fit in .034 plated through-hole</td>
</tr>
<tr>
<td>3796-0</td>
<td>.125</td>
<td>Hex press-fit in .034 plated through-hole</td>
</tr>
<tr>
<td>8685/9036</td>
<td>.125</td>
<td>Press-fit in .033 mounting hole</td>
</tr>
<tr>
<td>9051-0</td>
<td>.125</td>
<td>Press-fit in .057 mounting hole</td>
</tr>
<tr>
<td>6109-0</td>
<td>.125</td>
<td>Press-fit in .026 mounting hole</td>
</tr>
<tr>
<td>9159-0</td>
<td>.125</td>
<td>Press-fit in .026 mounting hole</td>
</tr>
<tr>
<td>4397-0</td>
<td>.125</td>
<td>Press-fit in .049 mounting hole</td>
</tr>
<tr>
<td>5344-0</td>
<td>.125</td>
<td>Press-fit in .082 mounting hole</td>
</tr>
</tbody>
</table>

---

### Pin Material

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

---

### Dimensions

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

---

### Tolerances On

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

---

### Order Code

- **XXXX - X - 0X - XX - 00 - 00 - XX - 0**
### PRINTED CIRCUIT PINS

#### 1267
1267-0-00-XX-00-00-03-0
Press-fit in .035 mounting hole

<table>
<thead>
<tr>
<th>Basic Part Number</th>
<th>Length</th>
</tr>
</thead>
<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>
</tr>
<tr>
<td>6435-0</td>
<td>.280</td>
</tr>
</tbody>
</table>

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

<table>
<thead>
<tr>
<th>Basic Part Number</th>
<th>Length</th>
</tr>
</thead>
<tbody>
<tr>
<td>5145-0</td>
<td>.303</td>
</tr>
<tr>
<td>5145-1</td>
<td>.200</td>
</tr>
<tr>
<td>5145-2</td>
<td>.413</td>
</tr>
<tr>
<td>6061-0</td>
<td>.280</td>
</tr>
</tbody>
</table>

#### 5835
5835-0-05-XX-00-00-03-0
Square press-fit in .032 plated through-hole

<table>
<thead>
<tr>
<th>Basic Part Number</th>
<th>Length</th>
</tr>
</thead>
<tbody>
<tr>
<td>5835-0</td>
<td>.280</td>
</tr>
</tbody>
</table>

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

<table>
<thead>
<tr>
<th>Basic Part Number</th>
<th>Length</th>
</tr>
</thead>
<tbody>
<tr>
<td>6061-0</td>
<td>.280</td>
</tr>
</tbody>
</table>

#### 3155/5155
X155-0-00-XX-00-00-03-0
Press-fit in .028 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>

### 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)
### Printed Circuit Pins

#### Male PCB Pins

<table>
<thead>
<tr>
<th>Basic Part Number</th>
<th>Knurl Dia.</th>
<th>Mounting Hole</th>
</tr>
</thead>
<tbody>
<tr>
<td>1067-1</td>
<td>.058</td>
<td>.055</td>
</tr>
<tr>
<td>1067-2</td>
<td>.045</td>
<td>.042</td>
</tr>
</tbody>
</table>

**1067**

1067-X-00-XX-00-00-03-0

Press-fit in .042/.055 mounting hole

<table>
<thead>
<tr>
<th>Dimensions</th>
<th>Inches</th>
</tr>
</thead>
<tbody>
<tr>
<td>Tolerances On:</td>
<td>Lengths: ± .005</td>
</tr>
<tr>
<td></td>
<td>Diameters: ± .002</td>
</tr>
<tr>
<td></td>
<td>Angles: ± 2°</td>
</tr>
</tbody>
</table>

**SPECIFICATIONS:**

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

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

**BASIC PART #**

---

**ORDER 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

#### 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-XX-00-00-00-03-0

#### Basic Part #

<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>
<tr>
<td>5510-0</td>
<td>Phosphor Bronze 544</td>
</tr>
<tr>
<td>5511-0</td>
<td>Brass 360</td>
</tr>
<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>
<tr>
<td>3404-1</td>
<td>.125</td>
</tr>
<tr>
<td>3404-2</td>
<td>.125</td>
</tr>
<tr>
<td>3404-3</td>
<td>.125</td>
</tr>
<tr>
<td>3404-4</td>
<td>.125</td>
</tr>
<tr>
<td>9218-X</td>
<td>.135</td>
</tr>
<tr>
<td>9218-Y</td>
<td>.135</td>
</tr>
<tr>
<td>9218-Z</td>
<td>.135</td>
</tr>
</tbody>
</table>

#### 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)

---

**Press-fit in .057 mounting hole**
### Male PCB Pins

#### Printed Circuit Pins

<table>
<thead>
<tr>
<th>Part Number</th>
<th>Length</th>
<th>Dimensions</th>
<th>Notes</th>
</tr>
</thead>
<tbody>
<tr>
<td>1752/6458</td>
<td>K</td>
<td>0.020</td>
<td>Press-fit in .057 mounting hole</td>
</tr>
<tr>
<td>3413/8404</td>
<td>S</td>
<td>0.118</td>
<td>Press-fit in .057 mounting hole</td>
</tr>
<tr>
<td>9075</td>
<td>K</td>
<td>0.118</td>
<td>Press-fit in .034 mounting hole</td>
</tr>
<tr>
<td>2617</td>
<td>S</td>
<td>0.110</td>
<td>Compliant press-fit in .040 ± .003 plated hole, For .060&quot; - .100&quot; thick board</td>
</tr>
<tr>
<td>5607</td>
<td>S</td>
<td>0.120</td>
<td>Compliant press-fit in .040 ± .003 plated hole, For .060&quot; - .100&quot; thick board</td>
</tr>
<tr>
<td>8995</td>
<td>S</td>
<td>0.120</td>
<td>Compliant press-fit in .040 ± .003 plated hole, For .060&quot; - .100&quot; thick board</td>
</tr>
<tr>
<td>2617-001</td>
<td>S</td>
<td>0.118</td>
<td>Compliant press-fit in .040 ± .003 plated hole, For .060&quot; - .100&quot; thick board</td>
</tr>
<tr>
<td>5607-001</td>
<td>S</td>
<td>0.120</td>
<td>Compliant press-fit in .040 ± .003 plated hole, For .060&quot; - .100&quot; thick board</td>
</tr>
<tr>
<td>8995-001</td>
<td>S</td>
<td>0.120</td>
<td>Compliant press-fit in .040 ± .003 plated hole, For .060&quot; - .100&quot; thick board</td>
</tr>
</tbody>
</table>

#### Specifications:

- **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**

#### 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**

<table>
<thead>
<tr>
<th>Basic Part Number</th>
<th>Pin Length A</th>
</tr>
</thead>
<tbody>
<tr>
<td>3409-1</td>
<td>.210</td>
</tr>
<tr>
<td>3409-2</td>
<td>.420</td>
</tr>
</tbody>
</table>

**3409**
3409-X-00-XX-00-00-03-0
Press-fit in .057 mounting hole

<table>
<thead>
<tr>
<th>Basic Part Number</th>
<th>Pin Diameter H</th>
</tr>
</thead>
<tbody>
<tr>
<td>5503-0</td>
<td>.025</td>
</tr>
<tr>
<td>5509-0</td>
<td>.018</td>
</tr>
</tbody>
</table>

**5503/5509**
550X-X-00-XX-00-00-03-0
Press-fit in .057 mounting hole

**5504/5505**
550X-00-XX-00-00-03-0
Press-fit in .057 mounting hole

<table>
<thead>
<tr>
<th>Basic Part Number</th>
<th>Head Height K</th>
<th>Standoff Height S</th>
</tr>
</thead>
<tbody>
<tr>
<td>0315-0</td>
<td>.030</td>
<td>.190</td>
</tr>
<tr>
<td>0315-1</td>
<td>.040</td>
<td>.430</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Basic Part Number</th>
<th>Standoff Height S</th>
</tr>
</thead>
<tbody>
<tr>
<td>5504-0</td>
<td>.331</td>
</tr>
<tr>
<td>5505-0</td>
<td>.606</td>
</tr>
</tbody>
</table>

**3406**
3406-00-XX-00-00-03-0
Press-fit in .057 mounting hole

<table>
<thead>
<tr>
<th>Basic Part Number</th>
<th>Pin Diameter H</th>
</tr>
</thead>
<tbody>
<tr>
<td>3409-1</td>
<td>.018</td>
</tr>
<tr>
<td>3409-2</td>
<td>.285</td>
</tr>
</tbody>
</table>

**5011**
5011-00-XX-00-00-03-0
Press-fit in .057 mounting hole

<table>
<thead>
<tr>
<th>Basic Part Number</th>
<th>Pin Diameter H</th>
</tr>
</thead>
<tbody>
<tr>
<td>5011-0</td>
<td>.030</td>
</tr>
<tr>
<td>5011-1</td>
<td>.053</td>
</tr>
</tbody>
</table>

**5113**
5113-00-XX-00-00-03-0
Press-fit in .057 mounting hole

<table>
<thead>
<tr>
<th>Basic Part Number</th>
<th>Pin Diameter H</th>
</tr>
</thead>
<tbody>
<tr>
<td>5113-1</td>
<td>.024</td>
</tr>
<tr>
<td>5113-2</td>
<td>.020</td>
</tr>
</tbody>
</table>

**3900**
3900-00-15-00-00-03-0
Press-fit in .057 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 - 00 - 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)
**MALE PCB PINS**

**PRINTED CIRCUIT PINS**

### 3400 → 3402/3405/3410
34XX-0-00-XX-00-00-03-0
Press-fit in .057 mounting hole

<table>
<thead>
<tr>
<th>Basic Part Number</th>
<th>Shoulder Height V</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
0600-0-05-XX-00-00-01-0
Solder mount .052 mounting hole

### 0290
0290-0-00-XX-00-00-03-0
Press-fit in .057 mounting hole

### 7007
7007-0-00-XX-00-00-03-0
Press-fit in .057 mounting hole

### 5016
5016-0-00-XX-00-00-03-0
Press-fit in .057 mounting hole

### 5005
5005-0-00-XX-00-00-03-0
Press-fit in .057 mounting hole

### 5107
5107-0-00-XX-00-00-03-0
Press-fit in .057 mounting hole

### 8919
8919-0-00-XX-00-00-03-0
Press-fit in .057 mounting hole

### 3077
3077-0-00-XX-00-00-03-0
Press-fit in .057 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

**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**

**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

<table>
<thead>
<tr>
<th>Basic Part Number</th>
<th>Pin Length A</th>
</tr>
</thead>
<tbody>
<tr>
<td>0700-0</td>
<td>.160</td>
</tr>
</tbody>
</table>

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**8006**

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

Press-fit in .034 mounting hole

<table>
<thead>
<tr>
<th>Basic Part Number</th>
<th>Pin Length A</th>
</tr>
</thead>
<tbody>
<tr>
<td>8006-0</td>
<td>.160</td>
</tr>
</tbody>
</table>

---

**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**

For wire sizes up to 22 AWG

<table>
<thead>
<tr>
<th>Basic Part Number</th>
<th>Pin Length A</th>
</tr>
</thead>
<tbody>
<tr>
<td>8000-0</td>
<td>.160</td>
</tr>
</tbody>
</table>

---

**0275**

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

Press-fit in .057 mounting hole

---

**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)
### MALE PCB PINS

#### PRINTED CIRCUIT PINS

**3117**

3117-X-XX-00-00-08-0

Swage mount in .035 hole

<table>
<thead>
<tr>
<th>Basic Part Number</th>
<th>Board Thickness</th>
</tr>
</thead>
<tbody>
<tr>
<td>3117-1</td>
<td>.031</td>
</tr>
<tr>
<td>3117-2</td>
<td>.094</td>
</tr>
<tr>
<td>3117-3</td>
<td>.125</td>
</tr>
<tr>
<td>3117-4</td>
<td>.188</td>
</tr>
</tbody>
</table>

**3114/3115**

3114-X-XX-00-00-08-0

Swage mount in .035 mounting hole

<table>
<thead>
<tr>
<th>Basic Part Number</th>
<th>Board Thickness</th>
</tr>
</thead>
<tbody>
<tr>
<td>3114-1</td>
<td>.031</td>
</tr>
<tr>
<td>3114-2</td>
<td>.094</td>
</tr>
<tr>
<td>3115-1</td>
<td>.125</td>
</tr>
<tr>
<td>3115-2</td>
<td>.188</td>
</tr>
</tbody>
</table>

**3112**

3112-X-XX-00-00-08-0

Swage mount in .043 hole

<table>
<thead>
<tr>
<th>Basic Part Number</th>
<th>Board Thickness</th>
</tr>
</thead>
<tbody>
<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>

**3118/3119**

3118-X-XX-00-00-08-0

Swage mount in .035 hole

<table>
<thead>
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<th>Basic Part Number</th>
<th>Board Thickness</th>
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<tbody>
<tr>
<td>3118-1</td>
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<tr>
<td>3119-2</td>
<td>.125</td>
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</table>

**3139**

3139-XX-00-00-08-0

Wire crimp termination. Accepts wire sizes 24 AWG Max. / 28 AWG Min.

<table>
<thead>
<tr>
<th>Basic Part Number</th>
<th>Board Thickness</th>
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</thead>
<tbody>
<tr>
<td>3139-1</td>
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<tr>
<td>3139-3</td>
<td>.094</td>
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**3602**

3602-XX-00-00-08-0

Annealed

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**3603**

3603-XX-00-00-08-0

Annealed

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**3603**

3603-0-XX-00-00-08-0

Annealed

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<td>.094</td>
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**3131**

3131-0-XX-00-00-08-0

Swage mount in .043 hole

<table>
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<th>Basic Part Number</th>
<th>Board Thickness</th>
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<tbody>
<tr>
<td>3131-1</td>
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</tr>
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<td>3131-2</td>
<td>.062</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°

**RoHS:** 2011/65/EU

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

**SPECIFY PIN FINISH:**
- 01 200 μ" TIN/LEAD OVER NICKEL
- 02 200 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

**MALE PCB PINS**

**PRINTED CIRCUIT 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-0-00-XX-00-00-XX-00

**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)

**BASIC PART #**

---

**0259/0286/1941**

**XXXX-0-00-XX-00-00-03-0**
Press-fit in .057/.059 mounting hole
0286-0 is available on 16mm wide carrier tape: 2,500 parts per 13” reel. See page 224.3 for Tape & Reel details

<table>
<thead>
<tr>
<th>Basic Part Number</th>
<th>Length E</th>
<th>Dia. F</th>
<th>Mounting Hole</th>
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<tbody>
<tr>
<td>0259-0</td>
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<td>0286-0</td>
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<tr>
<td>1941-0</td>
<td>.169</td>
<td>.058</td>
<td>.056</td>
</tr>
</tbody>
</table>

* Flat face Target contact

---

**4956-1**

**4956-0-00-XX-00-00-33-0**
Surface mount

---

**8876**

**8876-0-00-XX-00-00-03-0**
Press-fit in .057 mounting hole

---

**1938**

**1938-0-00-XX-00-00-03-0**
Flat face Target contact, solder Tail
Press-fit in .057 mounting hole

---

**1940**

**1940-0-00-XX-00-00-03-0**
Flat face Target contact, solder Tail
Press-fit in .057 mounting hole

---

**1942**

**1942-0-00-XX-00-00-03-0**
Flat face Target contact, solder Tail
Press-fit in .056 mounting hole

---

**3024**

**3024-0-01-XX-00-00-03-0**
Flat face Target contact, solder cup
Press-fit in .056 mounting hole
For wire sizes up to 22 AWG

---

**3080**

**3080-0-01-XX-00-00-03-0**
Press-fit in .057 mounting hole
For wire sizes up to 22 AWG

---

**3000**

**3000-0-00-XX-00-00-03-0**
Flat face Target contact, wire termination
Press-fit in .061 mounting hole
Accepts wire sizes 24 AWG Max. / 28 AWG Min.

---

**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-0-00-XX-00-00-XX-00

**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

## Printed Circuit Pins

<table>
<thead>
<tr>
<th>Model</th>
<th>Description</th>
<th>Basic Part Number</th>
<th>Board Thickness</th>
<th>Length A</th>
<th>Length V</th>
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</thead>
<tbody>
<tr>
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<td>.031</td>
<td>.079</td>
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<td>3130-2</td>
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<td>.079</td>
<td>.082</td>
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<tr>
<td>3130-3</td>
<td>.094</td>
<td>.079</td>
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<td>3130-4</td>
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### Swage Mount in .052 Hole

<table>
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<th>Basic Part Number</th>
<th>Board Thickness</th>
<th>Length A</th>
<th>Length V</th>
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<td>.062</td>
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### Swage Mount in .062 Hole

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<th>Length V</th>
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<tbody>
<tr>
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<td>.062</td>
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</tr>
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<td>3113-4</td>
<td>.125</td>
<td>.156</td>
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</table>

### Swage Mount in .043 Hole

<table>
<thead>
<tr>
<th>Model</th>
<th>Description</th>
<th>Basic Part Number</th>
<th>Board Thickness</th>
<th>Length A</th>
<th>Length V</th>
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<tbody>
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<td>3113-2</td>
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### Swage Mount in .031 Hole

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<th>Basic Part Number</th>
<th>Board Thickness</th>
<th>Length A</th>
<th>Length V</th>
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</thead>
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<td>3113-2</td>
<td>.062</td>
<td>.094</td>
<td>.062</td>
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<td>3113-3</td>
<td>.094</td>
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<td>.062</td>
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<td>.156</td>
<td>.062</td>
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</table>

### Basic Part Numbers

- **3113-1**: .031
- **3113-2**: .062
- **3113-3**: .094
- **3113-4**: .125

### Pin Centers A

<table>
<thead>
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<td>.562</td>
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### Press-fit in .057 Mounting Hole

<table>
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<th>Description</th>
<th>Basic Part Number</th>
<th>Board Thickness</th>
<th>Slot S</th>
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### Board Edge Rivet Mount

<table>
<thead>
<tr>
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<th>Basic Part Number</th>
<th>Board Thickness</th>
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### Swage Mount in .043 Hole

<table>
<thead>
<tr>
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### 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

#### Printed Circuit Pins

**3110/3111**

<table>
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<td>3110-3</td>
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<td>3111-1</td>
<td>.031</td>
<td>.300</td>
<td>.051</td>
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<td>3111-2</td>
<td>.062</td>
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<td>.082</td>
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<tr>
<td>3111-3</td>
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**3136/3137**

<table>
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<th>Length V</th>
<th>Flange Dia. C</th>
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<td>3136-2</td>
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<td></td>
</tr>
<tr>
<td>3136-3</td>
<td>.125</td>
<td>.145</td>
<td></td>
</tr>
<tr>
<td>3137-1</td>
<td>.062</td>
<td>.082</td>
<td></td>
</tr>
<tr>
<td>3137-2</td>
<td>.094</td>
<td>.110</td>
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</tr>
<tr>
<td>3137-3</td>
<td>.125</td>
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<tr>
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**3150**

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**3148**

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**6821**

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**6815**

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**3132**

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<tbody>
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**5601**

**5602**

### 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

3120
3120-X-00-XX-00-00-08-0
Swage mount in .034 hole

Basic Part Number | Pin Length A
---|---
3120-1 | .205
3120-2 | .250

3101 ⇒ 3106
310X-X-00-XX-00-00-08-0
Swage mount in .043 hole

Basic Part Number | Pin Length A
---|---
3101-X | .150
3102-X | .188
3103-X | .300
3104-X | .500
3105-X | .750
3106-X | 1.000

3125/3126
312X-X-00-XX-00-00-08-0
Swage mount in .043 hole

Basic Part Number | Pin Length A
---|---
3125-X | .170
3126-X | .420

3122 ⇒ 3153
31XX-X-00-XX-00-00-08-0
Swage mount in .043 hole

Basic Part Number | Pin Length A
---|---
3153-X | .180
3141-X | .230
3122-X | .280
3149-X | .380
3123-X | .580
3140-X | .780
3124-X | .880

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°

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

**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

**SPECIFICATIONS:**

<table>
<thead>
<tr>
<th>Pin Material</th>
<th>Brass Alloy 360, 1/2 Hard (Except swage pins which are annealed)</th>
</tr>
</thead>
</table>

**Dimensions:** Inches

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

**RoHS - 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)

### Table: Male PCB Pins

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<tr>
<td>8600-1</td>
<td>.850</td>
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<tr>
<td>8600-2</td>
<td>1.200</td>
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<tr>
<td>8954-0</td>
<td>.136</td>
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<td>8955-0</td>
<td>.655</td>
</tr>
</tbody>
</table>

**Basic Part Number | Board Thickness | Length V**

| 3159-1            | .031         | .062         |
| 3159-2            | .062         | .094         |
| 3159-3            | .094         | .125         |
| 3159-4            | .125         | .156         |

<table>
<thead>
<tr>
<th>Basic Part Number</th>
<th>Pin Length A</th>
</tr>
</thead>
<tbody>
<tr>
<td>8952</td>
<td>.064</td>
</tr>
<tr>
<td>8953</td>
<td>.035</td>
</tr>
<tr>
<td>8954</td>
<td>.058</td>
</tr>
<tr>
<td>8955</td>
<td>.056</td>
</tr>
</tbody>
</table>

**Basic Part Number | Board Thickness | Length A | Length V**

| 3230-1            | .031         | .062     | .065 |
| 3230-2            | .062         | .094     | .095 |
| 3230-3            | .094         | .125     | .125 |
| 3230-4            | .125         | .288     | .155 |

<table>
<thead>
<tr>
<th>Basic Part Number</th>
<th>Pin Length A</th>
</tr>
</thead>
<tbody>
<tr>
<td>3142</td>
<td>.040</td>
</tr>
<tr>
<td>3232</td>
<td>.056</td>
</tr>
<tr>
<td>3145</td>
<td>.052</td>
</tr>
</tbody>
</table>

**Basic Part Number | Pin Length A | Board Thickness | Length A | Length V**

| 3146              | .065         | .031         | .062     | .065 |
| 3147              | .095         | .062         | .095     | .095 |
| 3148              | .125         | .094         | .125     | .125 |
| 3149              | .155         | .125         | .155     | .155 |
**MALE PCB PINS**

**PRINTED CIRCUIT PINS**

---

### 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>3231-1</td>
<td>.062</td>
<td>.094</td>
</tr>
<tr>
<td>3231-2</td>
<td>.094</td>
<td>.125</td>
</tr>
<tr>
<td>3231-3</td>
<td>.125</td>
<td>.156</td>
</tr>
</tbody>
</table>

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### 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>

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### 3601
3601-X-07-XX-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>
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<tr>
<td>3601-2</td>
<td>.375</td>
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<tr>
<td>3601-3</td>
<td>.500</td>
</tr>
</tbody>
</table>

---

### 3133/3138/3152
31XX-X-00-XX-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>
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<tr>
<td>3138-X</td>
<td>.282</td>
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</tbody>
</table>

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### 3144
3144-X-00-XX-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>
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<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

### 0520
0520-0-00-XX-00-00-03-0
Annealed
Wire crimp termination. Accepts wire sizes 20 AWG Max. / 24 AWG Min.

### 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)
MALE PCB PINS

PRINTED CIRCUIT 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:** 194X-0-00-15-00-00-03-0

**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

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**P.C.B. Layout**

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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**
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

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°
- **RoHS - 2**

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

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

**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 #**

**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)

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**

**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)
CRIMP PINS FOR 12-28 AWG WIRE

**SPECIFICATIONS:**

- **Pin Material:** Brass Alloy 360, 1/2 Hard (Annealed)
- **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

**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**

**1655**
1655-0-XX-00-00-03-0
Solderless press-fit pin for plated through-hole
Recommended drilled hole size: .0505 (1.28mm)

**4219**
4219-0-XX-00-00-03-0
Solderless press-fit pin for plated through-hole
Recommended drilled hole size: .0505 (1.28mm)

**5459**
5459-0-XX-00-00-03-0
Solderless press-fit pin for plated through-hole
Recommended drilled hole size: .051 (1.3mm)

**9061**
9061-0-XX-00-00-03-0
Solderless press-fit pin for plated through-hole
Recommended drilled hole size: .0505 (1.28mm)

**5316**
5316-0-XX-00-00-03-0
Solderless press-fit pin for plated through-hole
Recommended drilled hole size: .040 (1.02mm)

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:**

<table>
<thead>
<tr>
<th>Pin Material: Brass Alloy 360, 1/2 Hard</th>
<th>Dimensions: Inches</th>
</tr>
</thead>
</table>

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

**ORDER CODE:** XXXX - 0 - 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)
### 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)**

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

**BASIC PART #**

**SPECIFICATIONS:**

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

---

**5317**

*5317-0-00-XX-00-00-03-0*

Solderless press-fit pin for plated through-hole

Recommended drilled hole size: **.040 (1,02mm)**

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”

---

**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

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-00-00-03-0
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)
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

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 #

4825
4825-0-57-XX-00-00-33-0
Solder mount in .019 mounting hole
16mm wide X 8mm pitch carrier tape:
3,250 parts per 13" reel.

4353
4353-0-57-XX-00-00-33-0
Solder mount in .016 mounting hole
16mm wide X 8mm pitch carrier tape:
3,040 parts per 13" reel.

6547
6547-0-57-XX-00-00-33-0
Solder mount in .024 mounting hole
24mm wide X 8mm pitch carrier tape:
1,080 parts per 13" reel.

9083
9083-0-57-XX-00-00-38-0
Solder mount in .016 mounting hole
16mm wide X 8mm pitch carrier tape:
1,950 parts per 13" reel.

4288
4288-0-57-XX-00-00-33-0
Solder mount in .022 mounting hole
16mm wide X 8mm pitch carrier tape:
3,250 parts per 13" reel.

4068
4068-0-57-XX-00-00-33-0
Solder mount in .022 mounting hole
16mm wide X 8mm pitch carrier tape:
2,000 parts per 13" reel.

4353
4353-0-57-XX-00-00-33-0
Solder mount in .024 mounting hole
24mm wide X 8mm pitch carrier tape:
3,040 parts per 13" reel.

9083
9083-0-57-XX-00-00-38-0
Solder mount in .016 mounting hole
16mm wide X 8mm pitch carrier tape:
1,950 parts per 13" reel.
# 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: ±0.005
- Diameters: ±0.002
- 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.

---

### 4965

**4965-0-57-XX-00-00-33-0**

Solder mount in .024 mounting hole
24mm wide X 8mm pitch carrier tape:
1,300 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.

---

### 5058-0-57-XX-00-00-03-0

<table>
<thead>
<tr>
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<th>Measurement</th>
</tr>
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### 9113-0-57-XX-00-00-38-0

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<tbody>
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<td>.018</td>
<td>.070</td>
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### 4965-0-57-XX-00-00-33-0

<table>
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### 4361-0-57-XX-00-00-33-0

<table>
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<tbody>
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### 4477-0-57-XX-00-00-33-0

<table>
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<th>Measurement</th>
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<tbody>
<tr>
<td>.055</td>
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<tr>
<td>.030</td>
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</tbody>
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### 3137-1-57-XX-00-00-08-0

<table>
<thead>
<tr>
<th>Diameter</th>
<th>Measurement</th>
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<tbody>
<tr>
<td>.040</td>
<td>.082</td>
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<tr>
<td>.062</td>
<td>.160</td>
</tr>
<tr>
<td>.030</td>
<td></td>
</tr>
</tbody>
</table>
MALE PCB PINS

PINS ON TAPE & REEL PACKAGING

**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.

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.

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.

**ORDER CODE: XXXX - X - 00 - 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°

**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**

**PINS ON TAPE & REEL PACKAGING**

**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.

**7937**
**7937-0-58-15-00-00-03-0**
Target contact, horizontal surface mount
16mm wide X 8mm pitch carrier tape:
2,400 parts per 13" reel.

**8086**
**8086-0-57-XX-00-00-33-0**
Solder mount in .079 mounting hole
12mm wide X 8mm pitch carrier tape:
550 parts per 13" reel.

**8086**
**8086-0-59-XX-00-00-33-0**
Surface mount
24mm wide X 16mm pitch carrier tape:
450 parts per 13" reel.

**1508**
**1508-0-57-15-00-00-03-0**
Test point, surface mount
16mm wide X 8mm pitch carrier tape:
1,600 parts per 13" reel.

**ORDER CODE:** XXXX - X - 00 - 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°

**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 - 05 - 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)
**MALE PCB PINS**

**WRAPPOST TERMINALS**

**1030→1032**

103X-X-05-XX-00-00-01-0

Press-fit in .057 mounting hole

<table>
<thead>
<tr>
<th>Basic Part Number</th>
<th># of Wraps</th>
<th>Length A</th>
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<tbody>
<tr>
<td>1032-1</td>
<td>1</td>
<td>.260</td>
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<td>1031-2</td>
<td>2</td>
<td>.360</td>
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<td>1030-3</td>
<td>3</td>
<td>.500</td>
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**1216**

1216-0-05-XX-00-00-01-0

Press-fit in .056 mounting hole

**1214**

1214-0-05-XX-00-00-01-0

Press-fit in .059 mounting hole

**1212**

1212-0-05-XX-00-00-01-0

Press-fit in .061 mounting hole

**1213**

1213-0-05-XX-00-00-01-0

Press-fit in .061 mounting hole

**1095**

1095-0-05-XX-00-00-01-0

Swage mount in .094 hole

For a .062 thick board

**1302**

1302-0-05-XX-00-00-01-0

Press-fit in .057 mounting hole

**1097**

1097-0-05-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
- 80 200 μ" TIN OVER NICKEL (RoHS)
- 15 10 μ" GOLD OVER NICKEL (RoHS)
- 21 20 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 - 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)
### MALE PCB PINS

#### WRAPPOST TERMINALS

<table>
<thead>
<tr>
<th>Basic Part Number</th>
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<th>Order Code</th>
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</thead>
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<tr>
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<td>YYYY-X-XX-00-00-01-0</td>
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<td>1096-3</td>
<td>3</td>
<td>.527</td>
<td>YYYY-X-XX-00-00-01-0</td>
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</table>

<table>
<thead>
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<th>Basic Part Number</th>
<th># of Wraps</th>
<th>Length</th>
<th>Order Code</th>
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</thead>
<tbody>
<tr>
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<td>1106-3</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 |

**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)
## MALE PCB PINS

### SOLDER TERMINAL TURRETS

#### 2111
**2111-X-00-XX-00-00-07-0**
Swage mount in .033 hole

<table>
<thead>
<tr>
<th>Basic Part Number</th>
<th>Board Thickness</th>
<th>Length V</th>
</tr>
</thead>
<tbody>
<tr>
<td>2111-1</td>
<td>.031</td>
<td>.053</td>
</tr>
<tr>
<td>2111-2</td>
<td>.062</td>
<td>.084</td>
</tr>
<tr>
<td>2111-3</td>
<td>.094</td>
<td>.115</td>
</tr>
</tbody>
</table>

#### 2113
**2113-X-00-XX-00-00-07-0**
Swage mount in .043 hole

<table>
<thead>
<tr>
<th>Basic Part Number</th>
<th>Board Thickness</th>
<th>Length V</th>
</tr>
</thead>
<tbody>
<tr>
<td>2113-1</td>
<td>.031</td>
<td>.053</td>
</tr>
<tr>
<td>2113-2</td>
<td>.062</td>
<td>.084</td>
</tr>
<tr>
<td>2113-3</td>
<td>.094</td>
<td>.115</td>
</tr>
<tr>
<td>2113-4</td>
<td>.125</td>
<td>.147</td>
</tr>
</tbody>
</table>

#### 2108
**2108-X-00-XX-00-00-07-0**
Swage mount in .043 hole

<table>
<thead>
<tr>
<th>Basic Part Number</th>
<th>Board Thickness</th>
<th>Length V</th>
</tr>
</thead>
<tbody>
<tr>
<td>2108-1</td>
<td>.031</td>
<td>.053</td>
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<tr>
<td>2108-2</td>
<td>.062</td>
<td>.084</td>
</tr>
<tr>
<td>2108-3</td>
<td>.094</td>
<td>.115</td>
</tr>
<tr>
<td>2108-4</td>
<td>.125</td>
<td>.147</td>
</tr>
</tbody>
</table>

#### 2102
**2102-X-00-XX-00-00-07-0**
Swage mount in .052 hole

<table>
<thead>
<tr>
<th>Basic Part Number</th>
<th>Board Thickness</th>
<th>Length V</th>
</tr>
</thead>
<tbody>
<tr>
<td>2102-1</td>
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</tr>
<tr>
<td>2102-2</td>
<td>.062</td>
<td>.084</td>
</tr>
<tr>
<td>2102-3</td>
<td>.094</td>
<td>.115</td>
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<tr>
<td>2102-4</td>
<td>.125</td>
<td>.147</td>
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</tbody>
</table>

#### 2109
**2109-X-00-XX-00-00-07-0**
Swage mount in .052 hole

<table>
<thead>
<tr>
<th>Basic Part Number</th>
<th>Board Thickness</th>
<th>Length V</th>
</tr>
</thead>
<tbody>
<tr>
<td>2109-1</td>
<td>.031</td>
<td>.052</td>
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<tr>
<td>2109-2</td>
<td>.062</td>
<td>.085</td>
</tr>
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</table>

#### 2324
**2324-2-00-XX-00-00-07-0**
Swage mount in .052 hole
For a .062 thick board

#### 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**

### MALE PCB PINS

<table>
<thead>
<tr>
<th>Basic Part Number</th>
<th>Board Thickness</th>
<th>Length <strong>V</strong></th>
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</thead>
<tbody>
<tr>
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<td>2312-3</td>
<td>.094</td>
<td>.115</td>
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<tr>
<td>2312-4</td>
<td>.125</td>
<td>.147</td>
</tr>
</tbody>
</table>

Swage mount in .064 hole

### MALE PCB PINS

<table>
<thead>
<tr>
<th>Basic Part Number</th>
<th>Board Thickness</th>
<th>Length <strong>V</strong></th>
</tr>
</thead>
<tbody>
<tr>
<td>2308-1</td>
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<td>.054</td>
</tr>
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<td>2308-2</td>
<td>.062</td>
<td>.084</td>
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<tr>
<td>2308-3</td>
<td>.094</td>
<td>.115</td>
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<tr>
<td>2308-4</td>
<td>.125</td>
<td>.147</td>
</tr>
</tbody>
</table>

Swage mount in .064 hole

### MALE PCB PINS

<table>
<thead>
<tr>
<th>Basic Part Number</th>
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<th>Length <strong>V</strong></th>
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</thead>
<tbody>
<tr>
<td>2707-1</td>
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<td>2707-3</td>
<td>.094</td>
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<td>.125</td>
<td>.156</td>
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</tbody>
</table>

Swage mount in .120 hole

### MALE PCB PINS

<table>
<thead>
<tr>
<th>Basic Part Number</th>
<th>Board Thickness</th>
<th>Length <strong>V</strong></th>
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</thead>
<tbody>
<tr>
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<td>.094</td>
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<td>2513-3</td>
<td>.094</td>
<td>.125</td>
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<tr>
<td>2513-4</td>
<td>.125</td>
<td>.156</td>
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</tbody>
</table>

Swage mount in .064 hole

### MALE PCB PINS

<table>
<thead>
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<th>Basic Part Number</th>
<th>Board Thickness</th>
<th>Length <strong>V</strong></th>
<th>Depth <strong>D</strong></th>
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<tr>
<td>2329-1</td>
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<td>.045</td>
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<td>2329-2</td>
<td>.062</td>
<td>.094</td>
<td>.062</td>
</tr>
<tr>
<td>2329-3</td>
<td>.094</td>
<td>.125</td>
<td>.062</td>
</tr>
<tr>
<td>2329-4</td>
<td>.125</td>
<td>.156</td>
<td>.062</td>
</tr>
</tbody>
</table>

Swage mount in .067 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 - 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)

---

**BASIC PART #**

---

---
### Male PCB Pins: Solder Terminal Turrets

#### 2110
**2110-X-00-XX-00-00-07-0**  
Swage mount in .052 hole

<table>
<thead>
<tr>
<th>Basic Part Number</th>
<th>Board Thickness</th>
<th>Length V</th>
</tr>
</thead>
<tbody>
<tr>
<td>2110-1</td>
<td>.031</td>
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<td>2110-2</td>
<td>.062</td>
<td>.082</td>
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#### 2333
**2333-X-00-XX-00-00-07-0**  
Press-fit & swage in .052 mounting hole

<table>
<thead>
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<th>Basic Part Number</th>
<th>Board Thickness</th>
<th>Length V</th>
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<tbody>
<tr>
<td>2333-1</td>
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<td>.062</td>
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<td>2333-3</td>
<td>.047</td>
<td>.072</td>
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#### 2821
**2821-X-00-XX-00-00-07-0**  
Swage mount in .125 hole

<table>
<thead>
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<th>Basic Part Number</th>
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<th>Length V</th>
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<tbody>
<tr>
<td>2821-2</td>
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<td>.094</td>
<td>.141</td>
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<td>2821-4</td>
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#### 2317
**2317-X-00-XX-00-00-07-0**  
Swage mount in .064 hole

<table>
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<th>Board Thickness</th>
<th>Length V</th>
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<tbody>
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<td>2317-1</td>
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<td>2317-2</td>
<td>.062</td>
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<td>2317-3</td>
<td>.094</td>
<td>.125</td>
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<tr>
<td>2317-4</td>
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#### 2708
**2708-X-00-XX-00-00-07-0**  
Swage mount in .120 hole

<table>
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<th>Board Thickness</th>
<th>Length V</th>
</tr>
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<tbody>
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<td>.094</td>
<td>.125</td>
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<tr>
<td>2708-4</td>
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<td>.156</td>
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</table>

### Specifications:
- **Pin Material:** Brass Alloy 360, 1/2 Hard  
  (Swage pins are annealed)
- **Dimensions:** Inches  
- **Tolerances On:**  
  - Lengths: ± .005  
  - Diameters: ± .002  
  - Angles: ± 2°
- **RoHS - 2011/65/EU**

### 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)
**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
- 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**

#### 2304

- **2304-X-00-XX-00-00-07-0**
- Swage mount in .076 hole

#### 2305

- **2305-X-00-XX-00-00-07-0**
- Swage mount in .076 hole

#### 2503

- **2503-X-00-XX-00-00-07-0**
- Swage mount in .082 hole

#### 2306

- **2306-X-00-XX-00-00-07-0**
- Swage mount in .076 hole

#### 2307

- **2307-X-00-XX-00-00-07-0**
- Swage mount in .076 hole

#### 2311

- **2311-X-00-XX-00-00-07-0**
- Swage mount in .076 hole

<table>
<thead>
<tr>
<th>Basic Part Number</th>
<th>Board Thickness</th>
<th>Length V</th>
</tr>
</thead>
<tbody>
<tr>
<td>230X-1</td>
<td>.031</td>
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</tr>
<tr>
<td>230X-2</td>
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<td>.082</td>
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<tr>
<td>230X-3</td>
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<table>
<thead>
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<tbody>
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<tr>
<td>2503-3</td>
<td>.094</td>
<td>.141</td>
</tr>
<tr>
<td>2503-4</td>
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<tr>
<td>2704-1</td>
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<td>.135</td>
</tr>
<tr>
<td>2704-4</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

### 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°

- **RoHS - 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)

---

### 2810

<table>
<thead>
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<td>2810-3</td>
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### 2812

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**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 - 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)

---

**2501**

**2501-X-00-XX-00-00-07-0**
Swage mount in .094 hole

<table>
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**2702**

**2702-X-00-XX-00-00-07-0**
Swage mount in .094 hole

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<tbody>
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<td>2702-2</td>
<td>.062</td>
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<td>2702-3</td>
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<td>2702-4</td>
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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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**2710**

**2710-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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</thead>
<tbody>
<tr>
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<td>.062</td>
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<td>2710-3</td>
<td>.094</td>
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**2713**

**2713-X-00-XX-00-00-07-0**
Swage mount in .094 hole

<table>
<thead>
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<th>Basic Part Number</th>
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</thead>
<tbody>
<tr>
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<tr>
<td>2713-2</td>
<td>.062</td>
<td>.094</td>
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<tr>
<td>2713-3</td>
<td>.094</td>
<td>.125</td>
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<tr>
<td>2713-4</td>
<td>.125</td>
<td>.156</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>
<th>Board Thickness</th>
<th>Length V</th>
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<tbody>
<tr>
<td>2717-1</td>
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<td>.062</td>
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<td>.125</td>
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</table>
**MALE PCB PINS**

**SOLDER TERMINAL TURSETS**

### 2512

**2512-XX-XXXX-07-0**

- **Swage mount in .094 hole**
- **Basic Part Number**
  - 2512-1: .031, .062
  - 2512-2: .062, .094
  - 2512-3: .094, .125
  - 2512-4: .125, .156

### 2705

**2705-XX-XXXX-07-0**

- **Swage mount in .129 hole**
- **Basic Part Number**
  - 2705-1: .031, .062
  - 2705-2: .062, .094
  - 2705-3: .094, .125
  - 2705-4: .125, .156

### 2803

**2803-XX-XXXX-07-0**

- **Swage mount in .113 hole**
- **Basic Part Number**
  - 2803-1: .031, .078
  - 2803-2: .062, .109
  - 2803-3: .094, .140
  - 2803-4: .125, .171

### 2815

**2815-XX-XXXX-07-0**

- **Swage mount in .113 hole**
- **Basic Part Number**
  - 2815-1: .031, .075
  - 2815-2: .062, .105
  - 2815-3: .094, .135
  - 2815-4: .125, .165

### 2816

**2816-XX-XXXX-07-0**

- **Swage mount in .116 hole**
- **Basic Part Number**
  - 2816-1: .031, .078
  - 2816-2: .062, .109
  - 2816-3: .094, .141
  - 2816-4: .125, .172

### 2817

**2817-XX-XXXX-07-0**

- **Swage mount in .116 hole**
- **Basic Part Number**
  - 2817-1: .031, .075
  - 2817-2: .062, .105
  - 2817-3: .094, .135
  - 2817-4: .125, .165

**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

<table>
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<tr>
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<th>Board Thickness</th>
<th>Length V</th>
<th>Depth D</th>
</tr>
</thead>
<tbody>
<tr>
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<td>.031</td>
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<td>.109</td>
<td></td>
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<tr>
<td>2802X-3</td>
<td>.094</td>
<td>.140</td>
<td></td>
</tr>
<tr>
<td>2802X-4</td>
<td>.125</td>
<td>.171</td>
<td></td>
</tr>
</tbody>
</table>

#### 2804
**2804-X-00-XX-00-00-07-0**
Swage mount in .118 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>2804X-1</td>
<td>.031</td>
<td>.078</td>
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<tr>
<td>2804X-2</td>
<td>.062</td>
<td>.109</td>
<td></td>
</tr>
<tr>
<td>2804X-3</td>
<td>.094</td>
<td>.140</td>
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</tr>
<tr>
<td>2804X-4</td>
<td>.125</td>
<td>.171</td>
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</tbody>
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#### 2805
**2805-X-00-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>Depth D</th>
</tr>
</thead>
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<tr>
<td>2805-4</td>
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<td>.165</td>
<td>.098</td>
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#### 2806
**2806-X-00-XX-00-00-07-0**
Swage mount in .116 hole

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</thead>
<tbody>
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<td>.109</td>
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<tr>
<td>2806-3</td>
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<td>.141</td>
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<tr>
<td>2806-4</td>
<td>.125</td>
<td>.172</td>
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#### 2811
**2811-X-00-XX-00-00-00-07-0**
Swage mount in .116 hole

<table>
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<tr>
<th>Basic Part Number</th>
<th>Board Thickness</th>
<th>Length V</th>
<th>Depth D</th>
</tr>
</thead>
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<tr>
<td>2811-3</td>
<td>.094</td>
<td>.135</td>
<td></td>
</tr>
<tr>
<td>2811-4</td>
<td>.125</td>
<td>.165</td>
<td></td>
</tr>
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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 SLOTTED

### 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

#### 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)

---

### Basic Part Numbers:

#### 2104

- **Basic Part Number:** 2104-X-01-XX-00-00-07-0  
  - Board Thickness: 0.031  
  - Length: 0.055

#### 2105

- **Basic Part Number:** 2105-X-01-XX-00-00-07-0  
  - Board Thickness: 0.031  
  - Length: 0.055

#### 2106

- **Basic Part Number:** 2106-X-01-XX-00-00-07-0  
  - Board Thickness: 0.031  
  - Length: 0.055

---

### Solder Terminal Swage Mounting Holes:

#### 2107

- **Basic Part Number:** 2107-X-01-XX-00-00-07-0  
  - Board Thickness: 0.031  
  - Length: 0.055

#### 6620

- **Basic Part Number:** 6620-0-35-XX-00-00-03-0  
  - Board Thickness: 0.037  
  - Length: 0.125

---

**Note:** Specifications and order codes are provided for specific male PCB pins from Mill-Max Mfg. Corp., including details on dimensions, tolerances, and pin materials.

---

**Image Reference:** The table and diagrams illustrate the various basic part numbers, board thicknesses, and lengths for the male PCB pins, showing different specifications for each type.

---

**Additional Information:** The image includes RoHS compliance information and provides a reference for specifying pin finishes with options such as TIN/LEAD OVER NICKEL, TIN OVER NICKEL (RoHS), SILVER OVER COPPER (RoHS), and ELECTRO-SOLDER (60/40 SnPb).
SOLDER TERMINALS SLOTTED

**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

**ORDER CODE EXAMPLES:**
- 2315-X-XX-00-00-07-0
- 2302-X-XX-00-00-07-0
- 2352-X-XX-00-00-07-0
- 2362-X-XX-00-00-07-0
- 2507-X-XX-00-00-07-0
- 2526-X-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)
## Solder Terminals Slotted

### Male PCB Pins

#### 2314
- **2314-X-01-XX-00-00-07-0**
  - Swage mount in .076 hole

<table>
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<th>Length V</th>
</tr>
</thead>
<tbody>
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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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</tbody>
</table>

#### 2511
- **2511-X-01-XX-00-00-07-0**
  - Swage mount in .076 hole

<table>
<thead>
<tr>
<th>Basic Part Number</th>
<th>Board Thickness</th>
<th>Length V</th>
</tr>
</thead>
<tbody>
<tr>
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<tr>
<td>2511-2</td>
<td>.062</td>
<td>.094</td>
</tr>
<tr>
<td>2511-3</td>
<td>.094</td>
<td>.125</td>
</tr>
<tr>
<td>2511-4</td>
<td>.125</td>
<td>.156</td>
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#### 2515
- **2515-X-01-XX-00-00-07-0**
  - Swage mount in .094 hole

<table>
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<th>Board Thickness</th>
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</tr>
</thead>
<tbody>
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<td>2515-3</td>
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<td>.135</td>
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<td>2515-4</td>
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#### 2516
- **2516-X-01-XX-00-00-07-0**
  - Swage mount in .094 hole

<table>
<thead>
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<th>Board Thickness</th>
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</thead>
<tbody>
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<td>.111</td>
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<tr>
<td>2516-3</td>
<td>.094</td>
<td>.143</td>
</tr>
<tr>
<td>2516-4</td>
<td>.125</td>
<td>.174</td>
</tr>
</tbody>
</table>

#### 2502
- **2502-X-01-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>
</tr>
</thead>
<tbody>
<tr>
<td>2502-1</td>
<td>.031</td>
<td>.080</td>
</tr>
<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>

### 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 - XX - XX - 00 - 00 - 07 - 0

**Basic Part #**

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

**5731**
5731-00-XX-00-00-03-0
Press-fit in .056 mounting hole

**8831**
8831-00-XX-00-00-03-0
Press-fit in .057 mounting hole

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

**5130**
5130-00-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° (RoHS = 2011/65/EU)

**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**

### 2318

**2318-X-00-XX-00-00-07-0**

Swage mount in .062 hole

<table>
<thead>
<tr>
<th>Basic Part Number</th>
<th>Board Thickness</th>
<th>Length V</th>
</tr>
</thead>
<tbody>
<tr>
<td>2318-1</td>
<td>.031</td>
<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>
</table>

**2514**

**2514-2-00-XX-00-00-07-0**

Press-fit in .070 mounting hole

<table>
<thead>
<tr>
<th>Basic Part Number</th>
<th>Board Thickness</th>
<th>Length V</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>
</tr>
</tbody>
</table>

### 8602

**8602**

**8602-1-00-XX-00-00-07-0**

Square press-fit in .032 plated through-hole

### 3050

**3050-X-01-XX-00-00-03-0**

Press-fit in .032 mounting hole

For wire sizes up to 26 AWG

### 8250

**8250**

**8250-00-XX-00-00-03-0**

Press-fit in .034 mounting hole

### 9994

**9994**

**9994-0-00-XX-00-00-03-0**

Press-fit in .033 mounting hole

### 9067

**9067**

**9067-0-00-XX-00-00-03-0**

Press-fit in .055 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 - 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 TERMINALS PIN TYPE

#### 2319

*2319-X-00-XX-00-00-07-0*

Swage mount in .076 hole

<table>
<thead>
<tr>
<th>Basic Part Number</th>
<th>Board Thickness</th>
<th>Length V</th>
</tr>
</thead>
<tbody>
<tr>
<td>2319-1</td>
<td>.031</td>
<td>.051</td>
</tr>
<tr>
<td>2319-2</td>
<td>.062</td>
<td>.082</td>
</tr>
<tr>
<td>2319-3</td>
<td>.094</td>
<td>.113</td>
</tr>
</tbody>
</table>

#### 2313

*2313-X-00-XX-00-00-07-0*

Swage mount in .076 hole

<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>
<td>.051</td>
</tr>
<tr>
<td>2313-2</td>
<td>.062</td>
<td>.084</td>
</tr>
<tr>
<td>2313-3</td>
<td>.094</td>
<td>.113</td>
</tr>
<tr>
<td>2313-4</td>
<td>.125</td>
<td>.145</td>
</tr>
</tbody>
</table>

#### 2321

*2321-X-00-XX-00-00-07-0*

Swage mount in .076 hole

<table>
<thead>
<tr>
<th>Basic Part Number</th>
<th>Board Thickness</th>
<th>Length V</th>
</tr>
</thead>
<tbody>
<tr>
<td>2321-1</td>
<td>.031</td>
<td>.051</td>
</tr>
<tr>
<td>2321-2</td>
<td>.062</td>
<td>.082</td>
</tr>
<tr>
<td>2321-3</td>
<td>.094</td>
<td>.113</td>
</tr>
<tr>
<td>2321-4</td>
<td>.125</td>
<td>.145</td>
</tr>
</tbody>
</table>

#### 2706

*2706-X-00-XX-00-00-07-0*

Swage mount in .120 hole

<table>
<thead>
<tr>
<th>Basic Part Number</th>
<th>Board Thickness</th>
<th>Length V</th>
</tr>
</thead>
<tbody>
<tr>
<td>2706-1</td>
<td>.031</td>
<td>.063</td>
</tr>
<tr>
<td>2706-2</td>
<td>.062</td>
<td>.093</td>
</tr>
<tr>
<td>2706-3</td>
<td>.094</td>
<td>.125</td>
</tr>
<tr>
<td>2706-4</td>
<td>.125</td>
<td>.156</td>
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</tbody>
</table>

#### 2530

*2530-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>
</tr>
</thead>
<tbody>
<tr>
<td>2530-2</td>
<td>.062</td>
<td>.094</td>
</tr>
<tr>
<td>2530-3</td>
<td>.094</td>
<td>.125</td>
</tr>
<tr>
<td>2530-4</td>
<td>.125</td>
<td>.156</td>
</tr>
</tbody>
</table>

#### 3156

*3156-X-00-XX-00-00-08-0*

Swage mount in .076 hole

<table>
<thead>
<tr>
<th>Basic Part Number</th>
<th>Board Thickness</th>
<th>Length V</th>
</tr>
</thead>
<tbody>
<tr>
<td>3156-1</td>
<td>.031</td>
<td>.051</td>
</tr>
<tr>
<td>3156-2</td>
<td>.062</td>
<td>.084</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°

**RoHS - 2**

- 2011/65/EU

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