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# MALE PCB PINS





WWW.MILL-MAX.COM

**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:

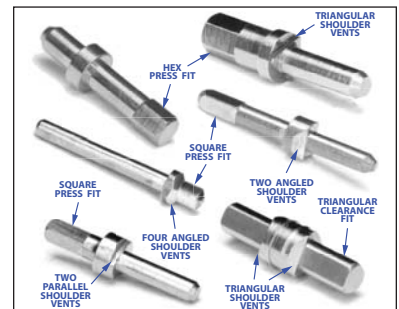
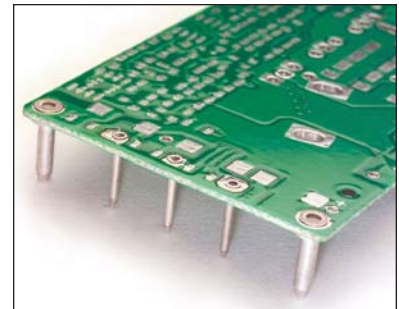
**BRASS Alloy 360, 1/2 hard:** .062/.072/.078/.093/.125/.156/.187/.250 diameters

**PHOSPHOR BRONZE Alloy 544:** .062/.072/.078 diameters

**TELLURIUM COPPER Alloy 145:** .079/.093/.125/.156 diameters

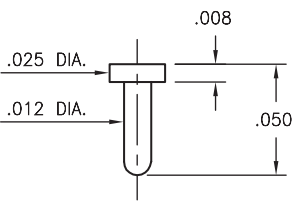
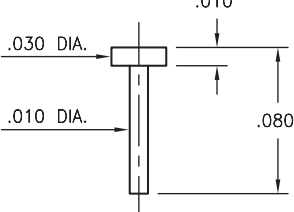
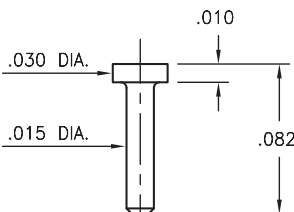
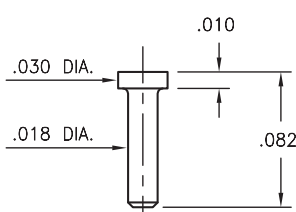
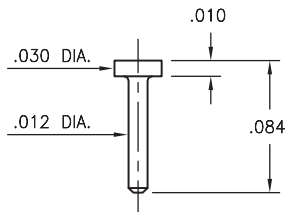
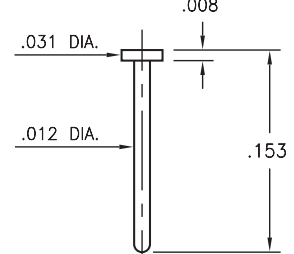
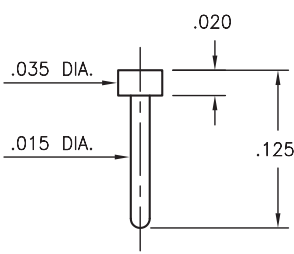
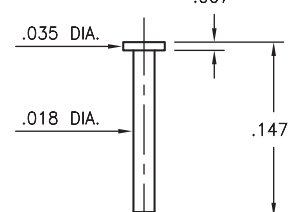
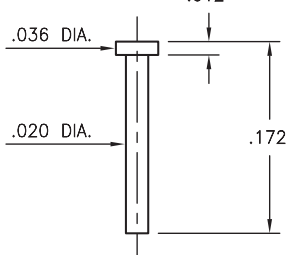
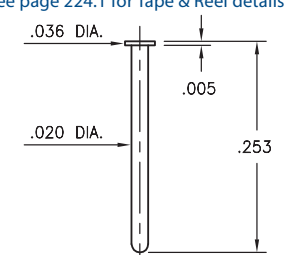
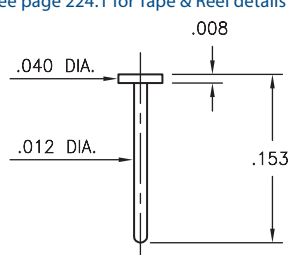
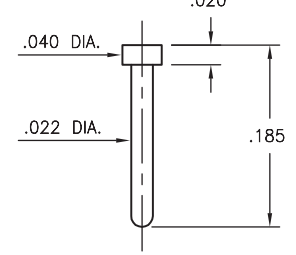
Mill-Max will gladly quote application specific products. Please complete the specification sheet on page **247** or send us your own drawings.

We assure you a fast response.



# MALE PCB PINS

## PRINTED CIRCUIT PINS • NAIL HEAD TYPE

<p><b>9050</b> 9050-0-00-XX-00-00-33-0 Solder mount in .016 mounting hole</p> 	<p><b>4184</b> 4184-0-00-XX-00-00-33-0 Solder mount in .014 mounting hole</p> 	<p><b>4825</b> 4825-0-00-XX-00-00-33-0 Solder mount in .019 mounting hole Also available on 16mm wide carrier tape: 3,250 parts per 13" reel. See page 224.1 for Tape &amp; Reel details</p> 	<p><b>4288</b> 4288-0-00-XX-00-00-33-0 Solder mount in .022 mounting hole Also available on 16mm wide carrier tape: 3,250 parts per 13" reel. See page 224.1 for Tape &amp; Reel details</p> 
<p><b>4353</b> 4353-0-00-XX-00-00-33-0 Solder mount in .016 mounting hole Also available on 16mm wide carrier tape: 3,040 parts per 13" reel. See page 224.1 for Tape &amp; Reel details</p> 	<p><b>6083</b> 6083-0-00-XX-00-00-03-0 Solder mount in .016 mounting hole</p> 	<p><b>4689</b> 4689-0-00-XX-00-00-33-0 Solder mount in .019 mounting hole</p> 	<p><b>4068</b> 4068-0-00-XX-00-00-33-0 Solder mount in .022 mounting hole Also available on 16mm wide carrier tape: 2,000 parts per 13" reel. See page 224.1 for Tape &amp; Reel details</p> 
<p><b>5063</b> 5063-0-00-XX-00-00-33-0 Solder mount in .024 mounting hole</p> 	<p><b>6547</b> 6547-0-00-XX-00-00-33-0 Solder mount in .024 mounting hole Also available on 24mm wide carrier tape: 1,080 parts per 13" reel. See page 224.1 for Tape &amp; Reel details</p> 	<p><b>9083</b> 9083-0-00-XX-00-00-38-0 Solder mount in .016 mounting hole Also available on 16mm wide carrier tape: 1,950 parts per 13" reel. See page 224.1 for Tape &amp; Reel details</p> 	<p><b>9185</b> 9185-0-00-XX-00-00-33-0 Solder mount in .026 mounting hole</p> 

### SPECIFICATIONS:

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

**Dimensions:** Inches

**Tolerances On:** Lengths:  $\pm .005$   
Diameters:  $\pm .002$   
Angles:  $\pm 2^\circ$



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

**BASIC PART #**

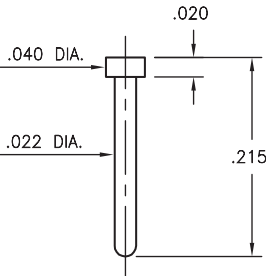
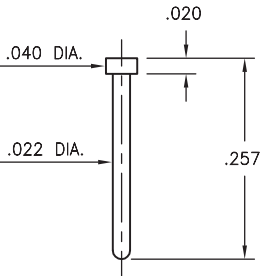
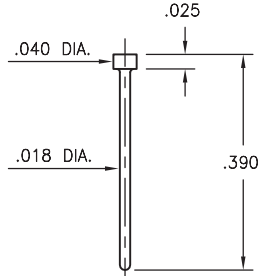
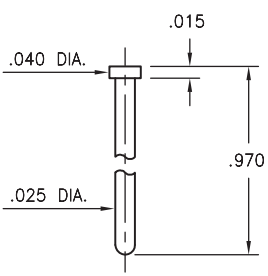
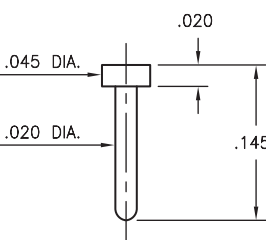
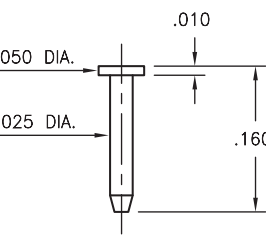
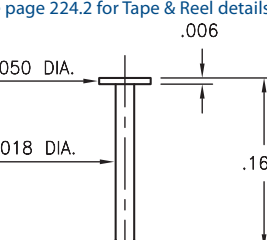
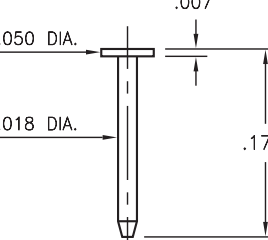
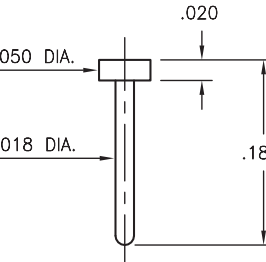
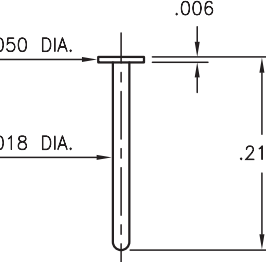
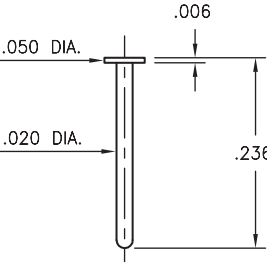
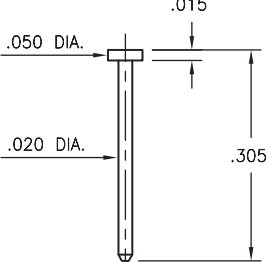
**SPECIFY PIN FINISH:**

- 01 200  $\mu$ m TIN/LEAD OVER NICKEL
- ◆ 80 200  $\mu$ m TIN OVER NICKEL (RoHS)
- ◆ 15 10  $\mu$ m GOLD OVER NICKEL (RoHS)
- ◆ 21 20  $\mu$ m GOLD OVER NICKEL (RoHS)
- ◆ 34 50  $\mu$ m GOLD OVER NICKEL (RoHS)



# MALE PCB PINS

## PRINTED CIRCUIT PINS • NAIL HEAD TYPE

<p><b>8277</b> 8277-0-00-XX-00-00-03-0 Solder mount in .026 mounting hole</p> 	<p><b>8257</b> 8257-0-00-XX-00-00-33-0 Solder mount in .026 mounting hole</p> 	<p><b>4209</b> 4209-0-00-XX-00-00-33-0 Solder mount in .022 mounting hole</p> 	<p><b>8451</b> 8451-0-00-XX-00-00-33-0 Solder mount in .029 mounting hole</p> 
<p><b>5058</b> 5058-0-00-XX-00-00-03-0 Solder mount in .024 mounting hole</p> 	<p><b>5035</b> 5035-0-00-XX-00-00-33-0 Solder mount in .029 mounting hole</p> 	<p><b>9113</b> 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 &amp; Reel details</p> 	<p><b>5068</b> 5068-0-00-XX-00-00-03-0 Solder mount in .022 mounting hole</p> 
<p><b>9137</b> 9137-0-00-XX-00-00-38-0 Solder mount in .022 mounting hole</p> 	<p><b>7113</b> 7113-0-00-XX-00-00-03-0 Solder mount in .022 mounting hole</p> 	<p><b>4965</b> 4965-0-00-XX-00-00-33-0 Solder mount in .024 mounting hole</p> 	<p><b>4071</b> 4071-0-00-XX-00-00-33-0 Solder mount in .024 mounting hole</p> 

### SPECIFICATIONS:

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

#### Dimensions: Inches

**Tolerances On:** Lengths:  $\pm .005$   
Diameters:  $\pm .002$   
Angles:  $\pm 2^\circ$



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

BASIC PART #

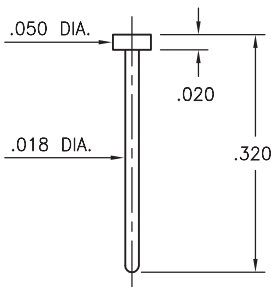
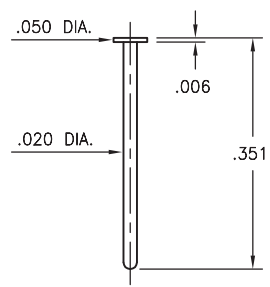
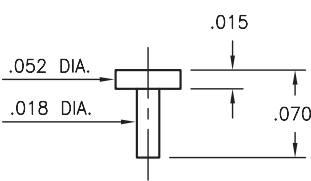
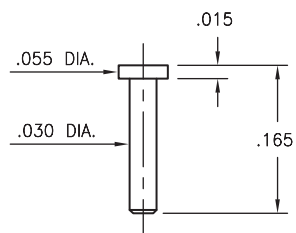
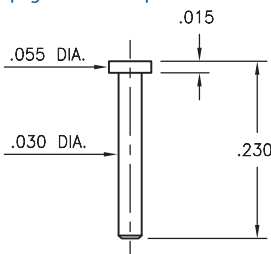
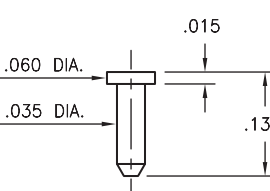
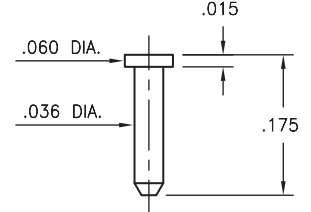
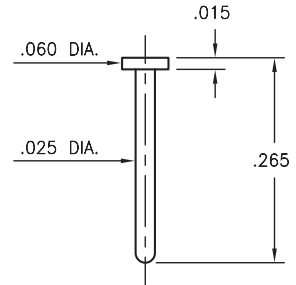
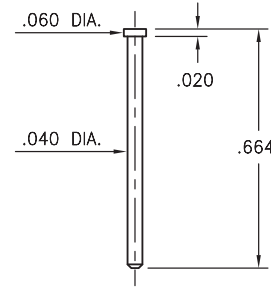
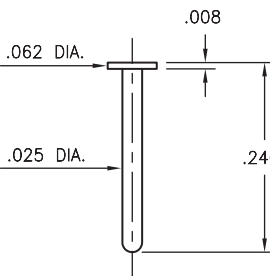
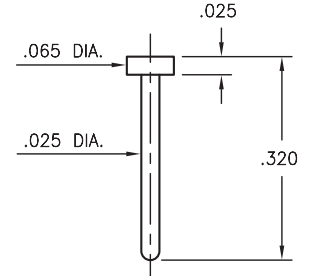
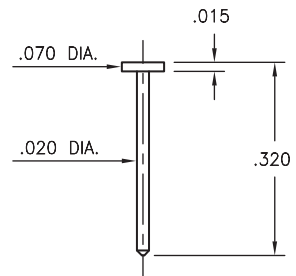
SPECIFY PIN FINISH:

- 01 200  $\mu$ " TIN/LEAD OVER NICKEL
- ◆ 80 200  $\mu$ " TIN OVER NICKEL (RoHS)
- ◆ 15 10  $\mu$ " GOLD OVER NICKEL (RoHS)
- ◆ 21 20  $\mu$ " GOLD OVER NICKEL (RoHS)
- ◆ 34 50  $\mu$ " GOLD OVER NICKEL (RoHS)



# MALE PCB PINS

## PRINTED CIRCUIT PINS • NAIL HEAD TYPE

<p><b>5137</b> 5137-0-00-XX-00-00-38-0 Solder mount in .022 mounting hole</p> 	<p><b>4964</b> 4964-0-00-XX-00-00-33-0 Solder mount in .024 mounting hole</p> 	<p><b>4361</b> 4361-0-00-XX-00-00-33-0 Solder mount in .022 mounting hole Also available on 16mm wide carrier tape: 3,600 parts per 13" reel. See page 224.2 for Tape &amp; Reel details</p> 	<p><b>6477</b> 6477-0-00-XX-00-00-38-0 Solder mount in .034 mounting hole</p> 
<p><b>4477</b> 4477-0-00-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 &amp; Reel details</p> 	<p><b>4268</b> 4268-0-00-XX-00-00-33-0 Solder mount in .039 mounting hole</p> 	<p><b>9086</b> 9086-0-00-XX-00-00-33-0 Solder mount in .040 mounting hole</p> 	<p><b>5850</b> 5850-0-00-XX-00-00-03-0 Solder mount in .029 mounting hole</p> 
<p><b>1179</b> 1179-0-00-XX-00-00-33-0 Solder mount in .044 mounting hole</p> 	<p><b>5240</b> 5240-0-00-XX-00-00-33-0 Solder mount in .029 mounting hole</p> 	<p><b>6170</b> 6170-0-00-XX-00-00-03-0 Solder mount in .029 mounting hole</p> 	<p><b>8808</b> 8808-0-00-XX-00-00-33-0 Solder mount in .024 mounting hole</p> 

### SPECIFICATIONS:

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

**Dimensions:** Inches

**Tolerances On:** Lengths:  $\pm .005$   
Diameters:  $\pm .002$   
Angles:  $\pm 2^\circ$



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

**BASIC PART #** →

← **SPECIFY PIN FINISH:**

- 01 200  $\mu$ " TIN/LEAD OVER NICKEL
- ◆ 80 200  $\mu$ " TIN OVER NICKEL (RoHS)
- ◆ 15 10  $\mu$ " GOLD OVER NICKEL (RoHS)
- ◆ 21 20  $\mu$ " GOLD OVER NICKEL (RoHS)
- ◆ 34 50  $\mu$ " GOLD OVER NICKEL (RoHS)

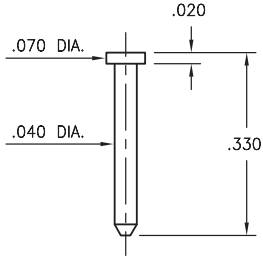


# MALE PCB PINS

## PRINTED CIRCUIT PINS • NAIL HEAD TYPE

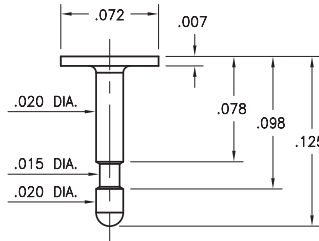
### 8330

**8330-0-00-XX-00-00-38-0**  
Solder mount in .044 mounting hole  
Also available on 24mm wide carrier tape:  
610 parts per 13" reel.  
See page 224.2 for Tape & Reel details



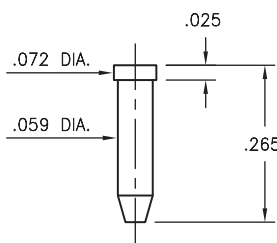
### 6599

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



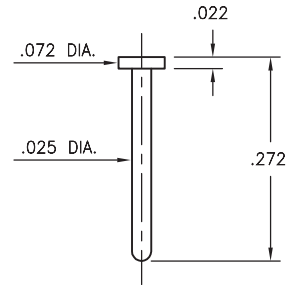
### 9265

**9265-0-00-XX-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 224.2 for Tape & Reel details



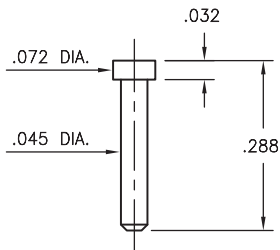
### 2650

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



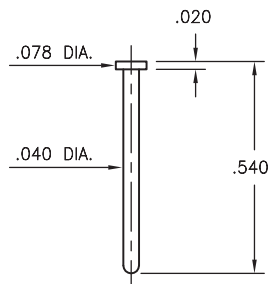
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**9872-0-00-XX-00-00-33-0**  
Solder mount in .049 mounting hole



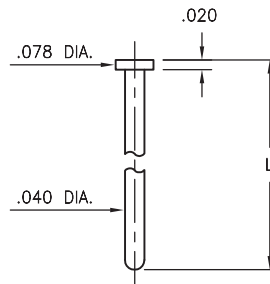
### 9228

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



### 6095

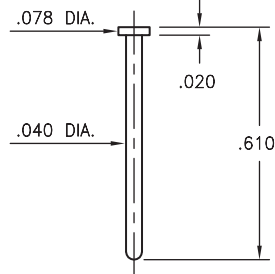
**6095-X-00-XX-00-00-38-0**  
Solder mount in .044 mounting hole



Basic Part Number	Length L
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6095-1	.475

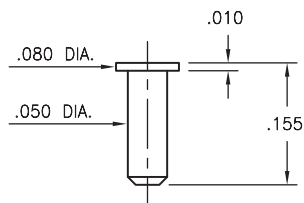
### 6092

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



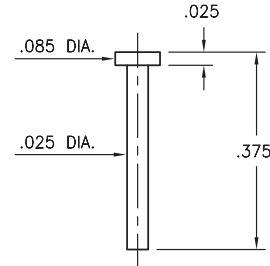
### 2381

**2381-0-00-XX-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-XX-00-00-33-0**  
Solder mount in .029 mounting hole



#### SPECIFICATIONS:

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

#### Dimensions: Inches

**Tolerances On:** Lengths:  $\pm .005$   
Diameters:  $\pm .002$   
Angles:  $\pm 2^\circ$



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

BASIC PART #

SPECIFY PIN FINISH:

- 01 200  $\mu$ " TIN/LEAD OVER NICKEL
- ◆ 80 200  $\mu$ " TIN OVER NICKEL (RoHS)
- ◆ 15 10  $\mu$ " GOLD OVER NICKEL (RoHS)
- ◆ 21 20  $\mu$ " GOLD OVER NICKEL (RoHS)
- ◆ 34 50  $\mu$ " GOLD OVER NICKEL (RoHS)



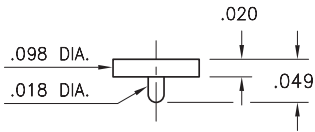
# MALE PCB PINS

## PRINTED CIRCUIT PINS • NAIL HEAD TYPE

### 4541

4541-0-00-XX-00-00-03-0

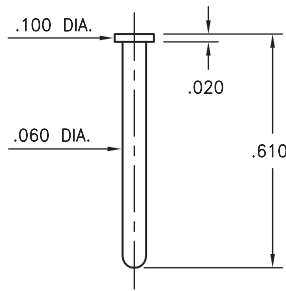
Solder mount in .022 mounting hole



### 6142

6142-0-00-XX-00-00-33-0

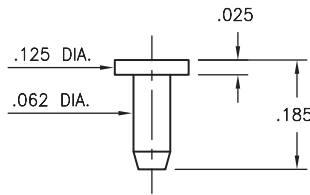
Solder mount in .064 mounting hole



### 9022

9022-0-00-XX-00-00-33-0

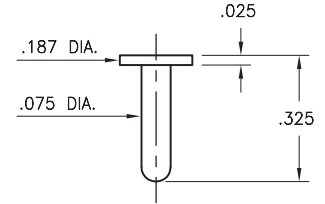
Solder mount in .066 mounting hole  
Also available on 24mm wide carrier tape:  
1,500 parts per 13" reel.  
See page 224.3 for Tape & Reel details



### 8086

8086-0-00-XX-00-00-33-0

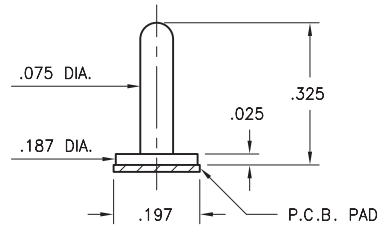
Solder mount in .079 mounting hole  
Also available on 12mm wide carrier tape:  
550 parts per 13" reel.  
See page 224.4 for Tape & Reel details



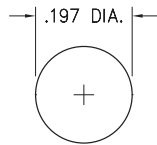
### 8086

8086-0-00-XX-00-00-33-0

Surface mount  
Also available on 24mm wide carrier tape:  
450 parts per 13" reel.  
See page 224.4 for Tape & Reel details



#### P.C.B. Layout



#### SPECIFICATIONS:

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

#### Dimensions: Inches

**Tolerances On:** Lengths:  $\pm .005$   
Diameters:  $\pm .002$   
Angles:  $\pm 2^\circ$



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

**BASIC PART #** →

← **SPECIFY PIN FINISH:**

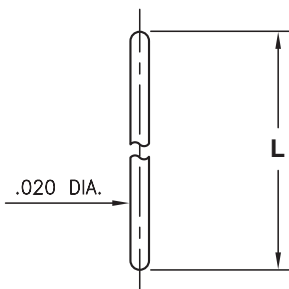
- 01 200  $\mu$ " TIN/LEAD OVER NICKEL
- ◆ 80 200  $\mu$ " TIN OVER NICKEL (RoHS)
- ◆ 15 10  $\mu$ " GOLD OVER NICKEL (RoHS)
- ◆ 21 20  $\mu$ " GOLD OVER NICKEL (RoHS)
- ◆ 34 50  $\mu$ " GOLD OVER NICKEL (RoHS)

# MALE PCB PINS

## STRAIGHT PINS

### 3320

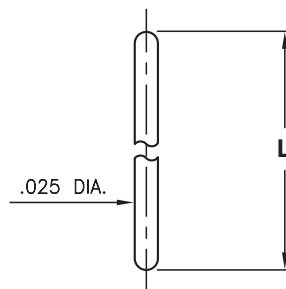
3320-X-00-XX-00-00-03-0



Basic Part Number	Length L
3320-0	.250
3320-1	.500

### 3325/6527

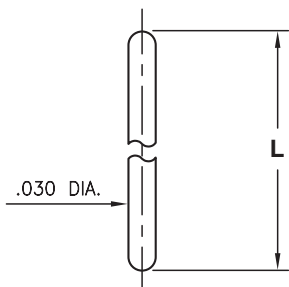
XXXX-X-00-XX-00-00-03-0



Basic Part Number	Length L
3325-0	.250
3325-1	.500
3325-2	.750
6527-0	.420

### 3330

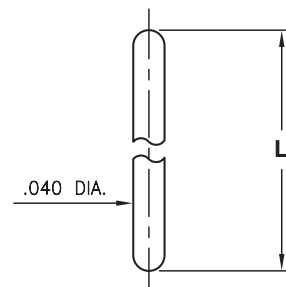
3330-X-00-XX-00-00-03-0



Basic Part Number	Length L
3330-0	.250
3330-1	.500
3330-2	.750

### 3340

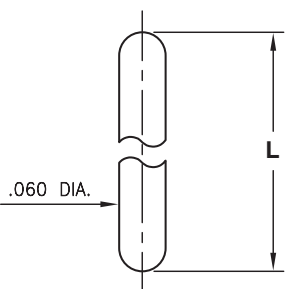
3340-X-00-XX-00-00-03-0



Basic Part Number	Length L
3340-0	.250
3340-1	.500
3340-2	.750

### 3560

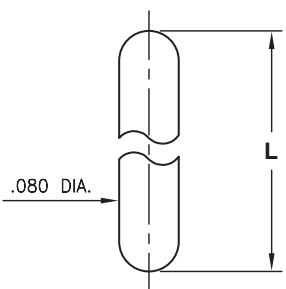
3560-X-00-XX-00-00-03-0



Basic Part Number	Length L
3560-0	.250
3560-1	.500
3560-2	.750

### 3580

3580-X-00-XX-00-00-03-0



Basic Part Number	Length L
3580-0	.250
3580-1	.500
3580-2	.750

#### SPECIFICATIONS:

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

**Dimensions:** Inches

**Tolerances On:** Lengths:  $\pm .005$   
Diameters:  $\pm .002$   
Angles:  $\pm 2^\circ$



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

BASIC PART #

SPECIFY PIN FINISH:

- ◆ 80 200  $\mu$ " TIN OVER NICKEL (RoHS)
- ◆ 15 10  $\mu$ " GOLD OVER NICKEL (RoHS)





# MALE PCB PINS

## RIGHT ANGLE PINS

<p><b>3720</b> 3720-0-14-XX-00-00-03-0 Right Angle Bent Pin</p>	<p><b>3725</b> 3725-0-14-XX-00-00-03-0 Right Angle Bent Pin</p>	<p><b>3730</b> 3730-0-14-XX-00-00-03-0 Right Angle Bent Pin</p>	<p><b>3740</b> 3740-0-14-XX-00-00-03-0 Right Angle Bent Pin</p>
<p><b>3760</b> 3760-0-14-XX-00-00-03-0 Right Angle Bent Pin</p>	<p><b>3780</b> 3780-0-14-XX-00-00-03-0 Right Angle Bent Pin</p>		

### SPECIFICATIONS:

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

**Dimensions:** Inches

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



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

**BASIC PART #**

**SPECIFY PIN FINISH:**

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



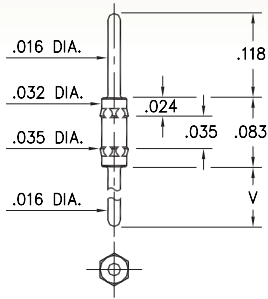
# MALE PCB PINS

## PRINTED CIRCUIT PINS

### 4006

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

Hex press-fit in .034 mounting hole

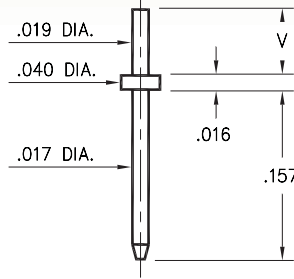


Basic Part Number	Length V
4006-0	.118
4006-1	.188
4006-2	.288

### 3121

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

Solder mount in .023 mounting hole  
Material is annealed.

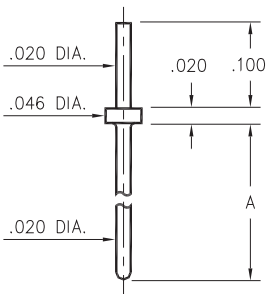


Basic Part Number	Substrate Thickness	Length V
3121-1	.025	.061
3121-2	.040	.075

### 3128

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

Solder mount in .024 min. mounting hole

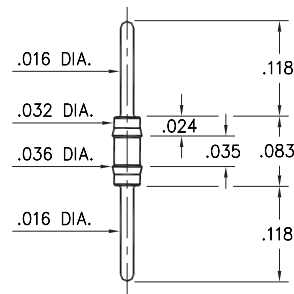


Basic Part Number	Length A
3128-1	.250
3128-2	.425
3128-3	.525
3128-4	.550
3128-5	.930

### 3006

3006-0-00-XX-00-00-03-0

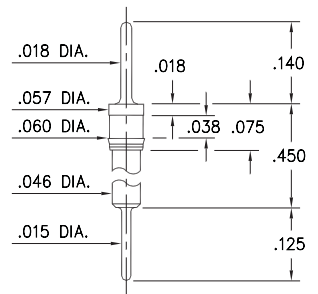
Press-fit in .034 mounting hole



### 8885

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

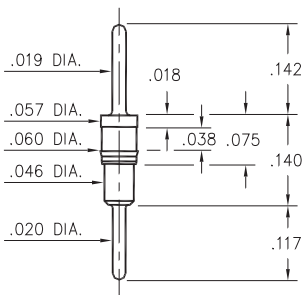
Press-fit in .057 mounting hole



### 6218

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

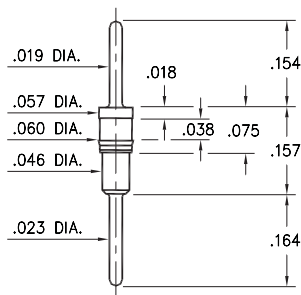
Press-fit in .057 mounting hole



### 5012

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

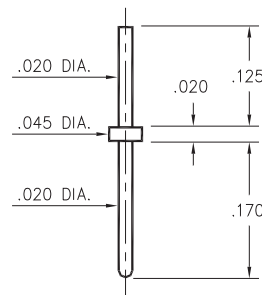
Press-fit in .057 mounting hole



### 9081

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

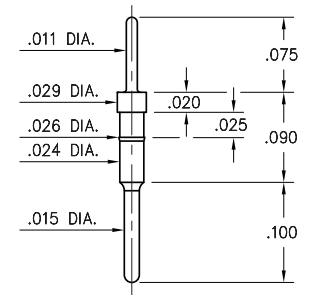
Solder mount in .024 mounting hole



### 3039

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

Press-fit in .025 mounting hole



#### SPECIFICATIONS:

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

**Dimensions:** Inches

**Tolerances On:** Lengths:  $\pm .005$   
Diameters:  $\pm .002$   
Angles:  $\pm 2^\circ$



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

BASIC PART #

SPECIFY PIN FINISH:

- 01 200  $\mu$ m TIN/LEAD OVER NICKEL
- ◆ 80 200  $\mu$ m TIN OVER NICKEL (RoHS)
- ◆ 15 10  $\mu$ m GOLD OVER NICKEL (RoHS)
- ◆ 21 20  $\mu$ m GOLD OVER NICKEL (RoHS)
- ◆ 34 50  $\mu$ m GOLD OVER NICKEL (RoHS)



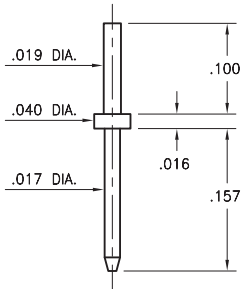
# MALE PCB PINS

## PRINTED CIRCUIT PINS

### 5421

5421-0-00-XX-00-00-03-0

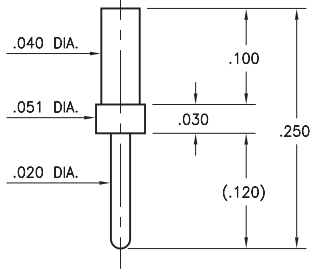
Solder mount in .023 or .021 mounting hole



### 7069

7069-0-00-XX-00-00-03-0

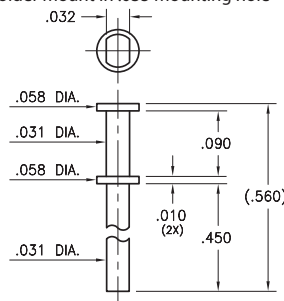
Solder mount in .044 or .024 mounting hole



### 5247

5247-0-00-XX-00-00-03-0

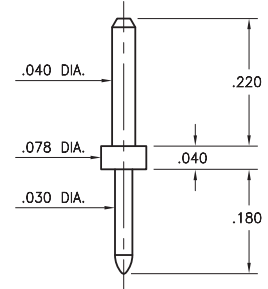
Solder mount in .035 mounting hole



### 6136

6136-0-00-XX-00-00-03-0

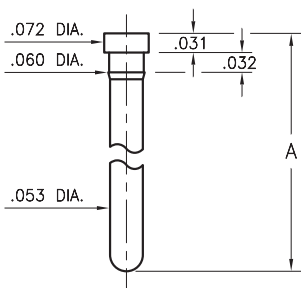
Solder mount in .044 or .034 mounting hole



### 0912/7912

0912-0-00-XX-00-00-03-0

Press-fit in .057 mounting hole

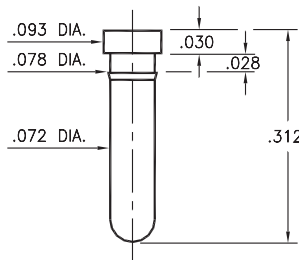


Basic Part Number	Pin Length A
0912-0	.313
7912-0	.510

### 8836

8836-0-00-XX-00-00-03-0

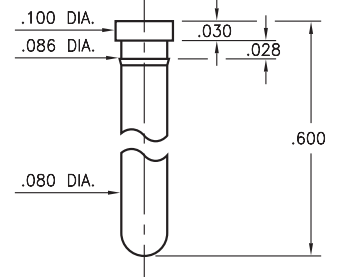
Press-fit in .075 mounting hole



### 6298

6298-0-00-XX-00-00-03-0

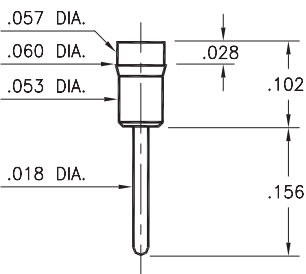
Press-fit in .083 mounting hole



### 1130

1130-0-00-XX-00-00-03-0

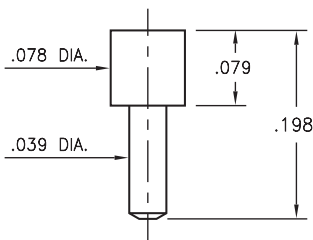
Press-fit in .057 mounting hole  
Pin material is Phosphor Bronze 544 (B2)



### 6711

6711-0-00-XX-00-00-03-0

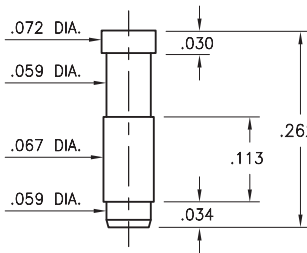
Solder mount in .043 mounting hole



### 1980

1980-0-00-00-XX-00-03-0

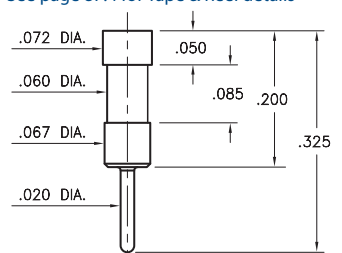
Surface mount, Target Connector  
Also available on carrier tape: 1,450 parts per 13" reel. Order as: 319-10-1XX-40-080001



### 2820

2820-0-00-XX-00-00-03-0

Also available in HSMT connector series:  
328-XX-1XX-40-020001  
1,450 parts per 13" reel  
See page 87.4 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

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)

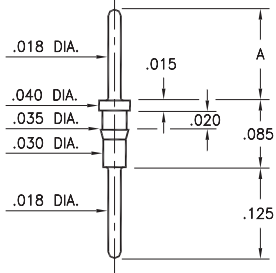
# MALE PCB PINS

## PRINTED CIRCUIT PINS

### 8685/9036

XXXX-0-00-XX-00-00-03-0

Press-fit in .033 mounting hole  
Pin material is Phosphor Bronze 544 (B2)

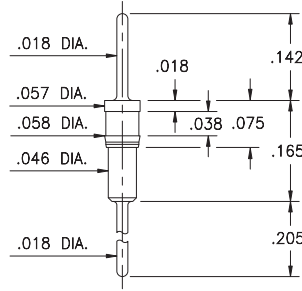


Basic Part Number	Length A
8685-0	.125
9036-0	.175

### 3790

3790-0-00-XX-00-00-03-0

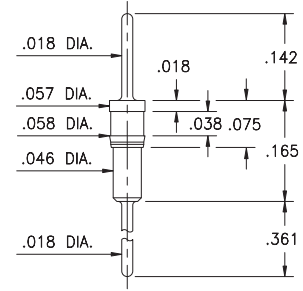
Press-fit in .057 mounting hole



### 3796

3796-0-00-XX-00-00-03-0

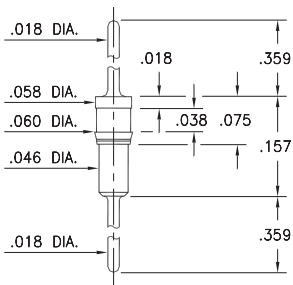
Press-fit in .057 mounting hole



### 9051

9051-0-00-XX-00-00-03-0

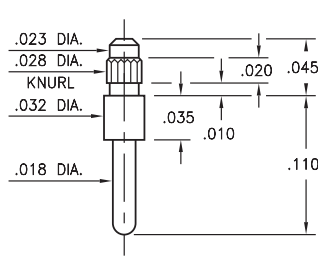
Press-fit in .057 mounting hole



### 6109

6109-0-00-XX-00-00-03-0

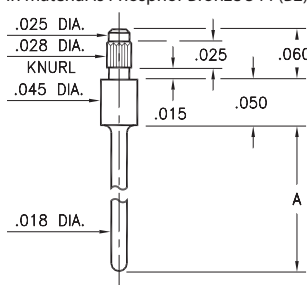
Press-fit in .026 mounting hole



### 3155/5155

X155-0-00-XX-00-00-03-0

Press-fit in .026 mounting hole  
Pin material is Phosphor Bronze 544 (B2)

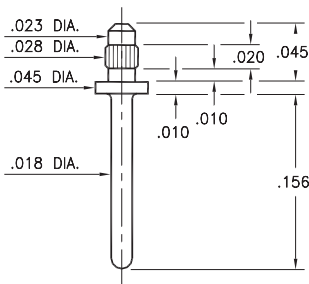


Basic Part Number	Length A
3155-0	.180
5155-0	.130

### 9159

9159-0-00-XX-00-00-03-0

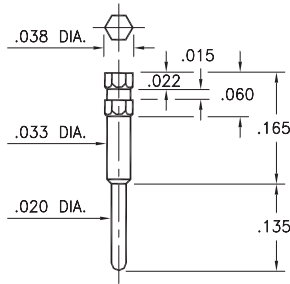
Press-fit in .026 mounting hole



### 4366

4366-0-00-XX-00-00-03-0

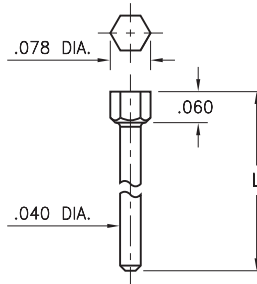
Hex press-fit in .034 plated through-hole



### 7979/8979

X979-0-00-XX-00-00-03-0

Hex press-fit in .074 plated through-hole



Basic Part Number	Length L
8979-0	.381
7979-0	.693

#### 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
- ◆ 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)



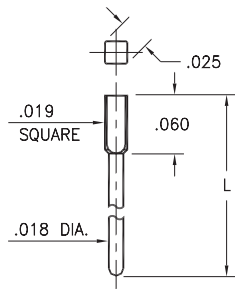
# MALE PCB PINS

## PRINTED CIRCUIT PINS

### X435

**X435-X-05-XX-00-00-03-0**

Square press-fit in .022 plated through-hole

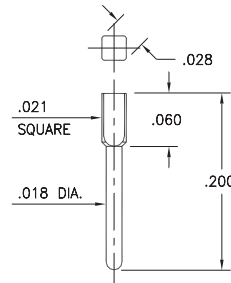


Basic Part Number	Length L
<b>5435-0</b>	.303
<b>5435-1</b>	.200
<b>5435-2</b>	.413
<b>6435-0</b>	.280

### 8969

**8969-0-05-XX-00-00-03-0**

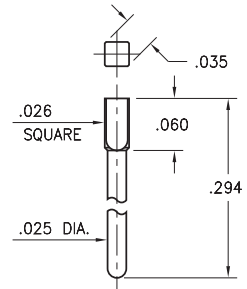
Square press-fit in .023 plated through-hole  
(Use .7mm drill prior to plating)



### 5835

**5835-0-05-XX-00-00-03-0**

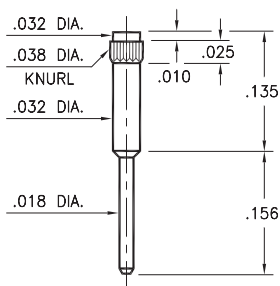
Square press-fit in .032 plated through-hole



### 1267

**1267-0-00-XX-00-00-03-0**

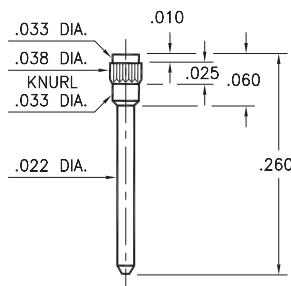
Press-fit in .035 mounting hole



### 7827

**7827-0-00-XX-00-00-03-0**

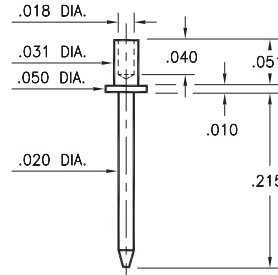
Press-fit in .035 mounting hole



### 3129

**3129-1-00-XX-00-00-08-0**

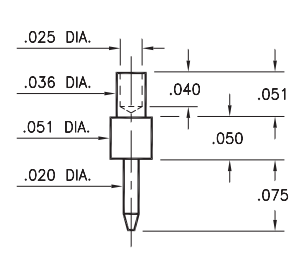
Swage mount in .035 hole  
For .031 thick board



### 3135

**3135-1-00-XX-00-00-08-0**

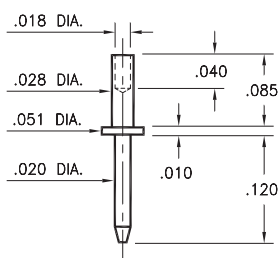
Swage mount in .040 hole  
For .031 thick board



### 3210

**3210-2-00-XX-00-00-08-0**

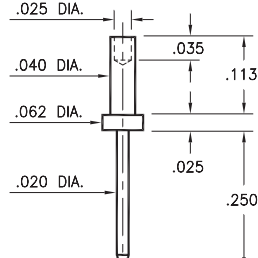
Swage mount in .031 hole  
For .062 thick board



### 3147

**3147-3-00-XX-00-00-08-0**

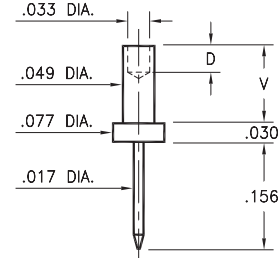
Swage mount in .043 hole  
For .094 thick board



### 3116

**3116-X-00-XX-00-00-08-0**

Swage mount in .052 hole



Basic Part Number	Board Thickness	Length V	Depth D
<b>3116-1</b>	.031	.051	.035
<b>3116-2</b>	.062	.082	.062
<b>3116-3</b>	.094	.113	.062
<b>3116-4</b>	.125	.145	.062

#### SPECIFICATIONS:

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

**Dimensions:** Inches

**Tolerances On:** Lengths:  $\pm .005$   
Diameters:  $\pm .002$   
Angles:  $\pm 2^\circ$



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

**BASIC PART #**

**SPECIFY PIN FINISH:**

- 01** 200  $\mu$ m TIN/LEAD OVER NICKEL
- 80** 200  $\mu$ m TIN OVER NICKEL (RoHS)
- 15** 10  $\mu$ m GOLD OVER NICKEL (RoHS)
- 21** 20  $\mu$ m GOLD OVER NICKEL (RoHS)
- 34** 50  $\mu$ m GOLD OVER NICKEL (RoHS)



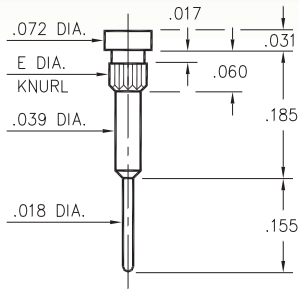
# MALE PCB PINS

## PRINTED CIRCUIT PINS

### 1067

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

Press-fit in .042/.055 mounting hole

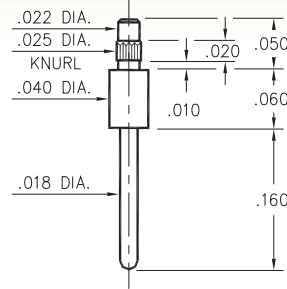


Basic Part Number	Knurl Dia. E	Mounting Hole
1067-1	.058	.055
1067-2	.045	.042

### 3158

3158-0-00-XX-00-00-03-0

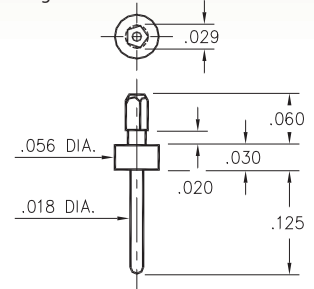
Press-fit in .023 mounting hole



### 9000

9000-0-00-XX-00-00-03-0

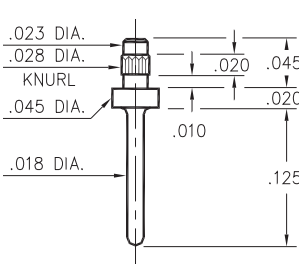
Pentagonal press-fit in .025 plated through-hole



### 3157

3157-0-00-XX-00-00-03-0

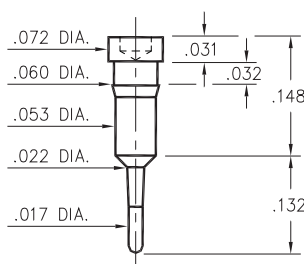
Press-fit in .026 mounting hole



### 0915

0915-0-00-XX-00-00-03-0

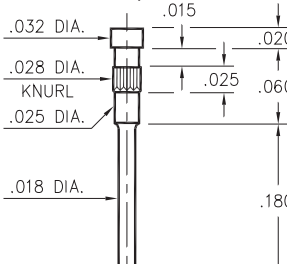
Press-fit in .057 mounting hole



### 3154

3154-0-00-XX-00-00-03-0

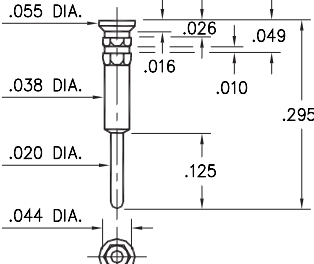
Press-fit in .026 mounting hole  
Pin material is Phosphor Bronze 544 (B2)



### 0542

0542-0-00-XX-00-00-03-0

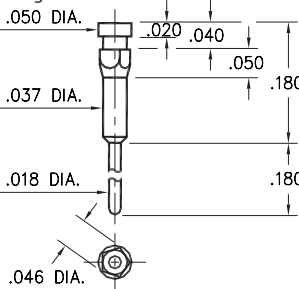
Hex press-fit in .039 plated through-hole



### 0522

0522-0-00-XX-00-00-03-0

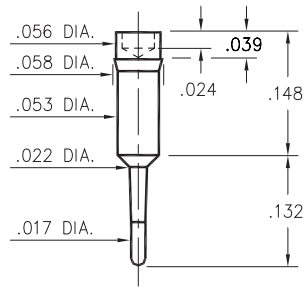
Pentagonal press-fit in .042 plated through-hole



### 0952

0952-0-00-XX-00-00-03-0

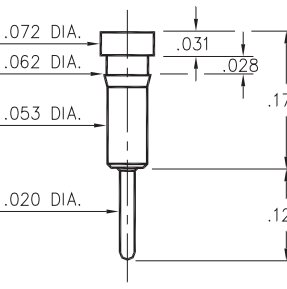
Press-fit in .056 mounting hole



### 0257

0257-0-00-XX-00-00-03-0

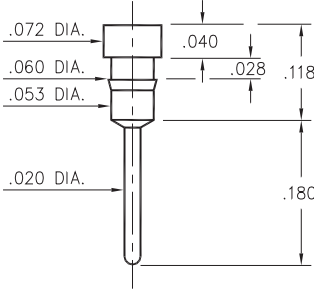
Press-fit in .059 mounting hole



### 8940

8940-0-00-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:  $\pm .005$   
Diameters:  $\pm .002$   
Angles:  $\pm 2^\circ$



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

BASIC PART #

SPECIFY PIN FINISH:

- 01 200  $\mu$ " TIN/LEAD OVER NICKEL
- ◆ 80 200  $\mu$ " TIN OVER NICKEL (RoHS)
- ◆ 15 10  $\mu$ " GOLD OVER NICKEL (RoHS)
- ◆ 21 20  $\mu$ " GOLD OVER NICKEL (RoHS)
- ◆ 34 50  $\mu$ " GOLD OVER NICKEL (RoHS)



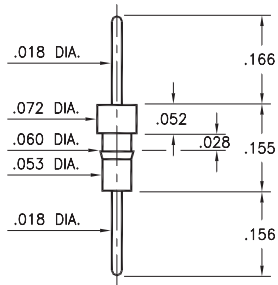
# MALE PCB PINS

## PRINTED CIRCUIT PINS

### 0504/0505

050X-0-00-XX-00-00-03-0

Press-fit in .057 mounting hole

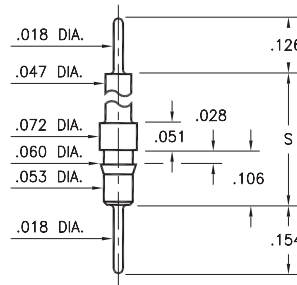


Basic Part Number	Pin Material
0504-0	Phosphor Bronze 544
0505-0	Brass 360

### 5510/5511

551X-0-00-XX-00-00-03-0

Press-fit in .057 mounting hole

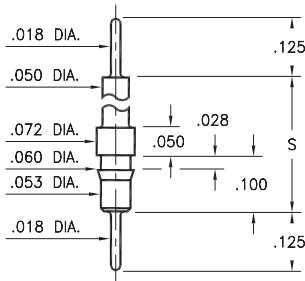


Basic Part Number	Standoff Height S
5510-0	.331
5511-0	.606

### 4259

4259-X-00-XX-00-00-03-0

Press-fit in .057 mounting hole

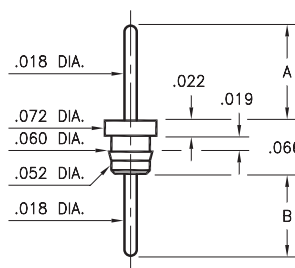


Basic Part Number	Standoff Height S
4259-1	.210
4259-2	.335
4259-3	.585
4259-4	.835

### X516

X516-0-00-XX-00-00-03-0

Press-fit in .057 mounting hole

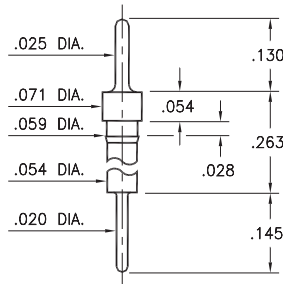


Basic Part Number	Pin Length A	Pin Length B
3516-0	.125	.108
4516-0	.135	.118

### 8859

8859-0-00-XX-00-00-03-0

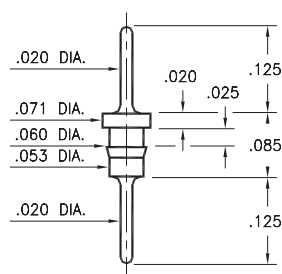
Press-fit in .056 mounting hole



### 6585

6585-0-00-XX-00-00-03-0

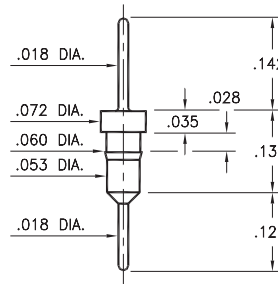
Press-fit in .057 mounting hole  
Pin material is Phosphor Bronze 544 (B2)



### 3404

3404-0-00-XX-00-00-03-0

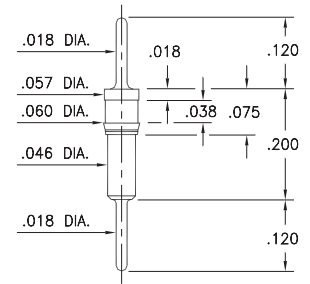
Press-fit in .057 mounting hole



### 9218

9218-0-00-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:  $\pm .005$   
Diameters:  $\pm .002$   
Angles:  $\pm 2^\circ$



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

BASIC PART #

SPECIFY PIN FINISH:

- 01 200  $\mu$ " TIN/LEAD OVER NICKEL
- ◆ 80 200  $\mu$ " TIN OVER NICKEL (RoHS)
- ◆ 15 10  $\mu$ " GOLD OVER NICKEL (RoHS)
- ◆ 21 20  $\mu$ " GOLD OVER NICKEL (RoHS)
- ◆ 34 50  $\mu$ " GOLD OVER NICKEL (RoHS)



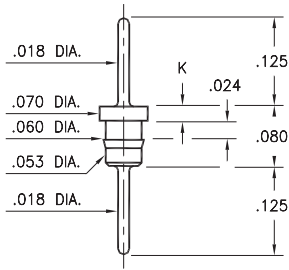
# MALE PCB PINS

## PRINTED CIRCUIT PINS

### 1752/6458

XXXX-0-00-XX-00-00-03-0

Press-fit in .057 mounting hole

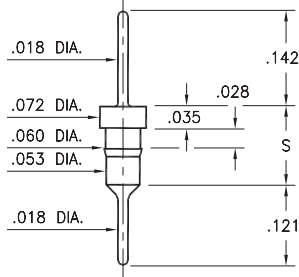


Basic Part Number	Length K
1752-0	.020
6458-0	.035

### 3413/8404

X4XX-0-00-XX-00-00-03-0

Press-fit in .057 mounting hole

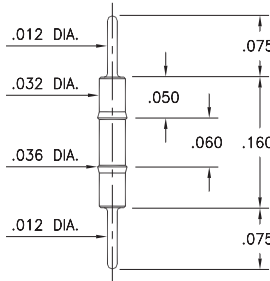


Basic Part Number	Length S
3413-0	.118
8404-0	.131

### 9075

9075-0-00-XX-00-00-03-0

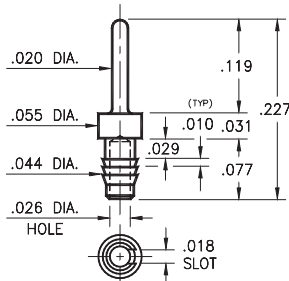
Press-fit in .034 mounting hole



### 2617

2617-0-01-XX-00-00-03-0

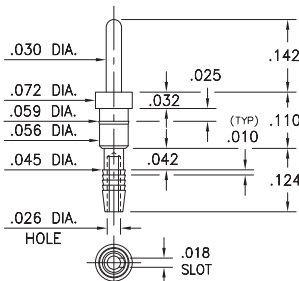
Compliant press-fit in .040 ± .003 plated hole. For .060" → .100" thick board



### 5607

5607-0-01-XX-00-00-03-0

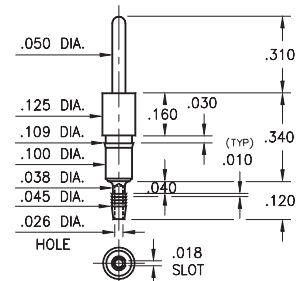
Compliant press-fit in .040 ± .003 plated hole. For .060" → .100" thick board



### 8995

8995-0-01-XX-00-00-03-0

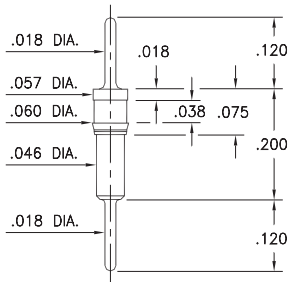
Compliant press-fit in .040 ± .003 plated hole. For .060" → .100" thick board



### 9218

9218-0-00-XX-00-00-03-0

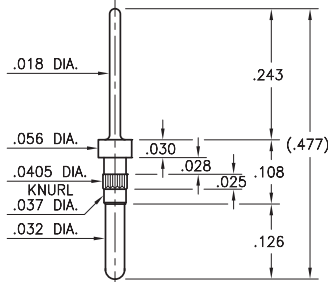
Press-fit in .057 mounting hole



### 5065

5065-0-00-26-00-00-03-0

Press-fit in .037 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 - 03 - 0

BASIC PART #

SPECIFY PIN FINISH:

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





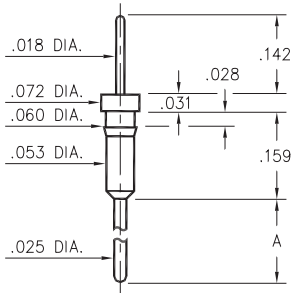
# MALE PCB PINS

## PRINTED CIRCUIT PINS

### 3409

3409-X-00-XX-00-00-03-0

Press-fit in .057 mounting hole

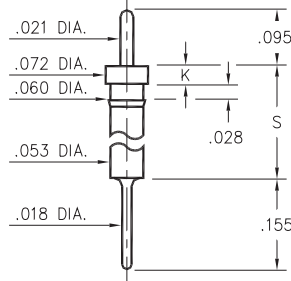


Basic Part Number	Pin Length A
3409-1	.210
3409-2	.420

### 0315

0315-0-00-XX-00-00-03-0

Press-fit in .057 mounting hole  
Pin material is Phosphor Bronze 544 (B2)

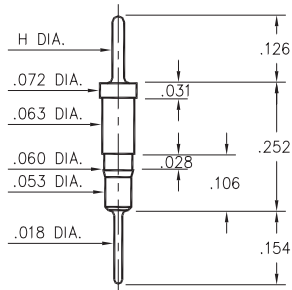


Basic Part Number	Head Height K	Standoff Height S
0315-0	.030	.190
0315-1	.040	.430

### 5503/5509

550X-X-00-XX-00-00-03-0

Press-fit in .057 mounting hole

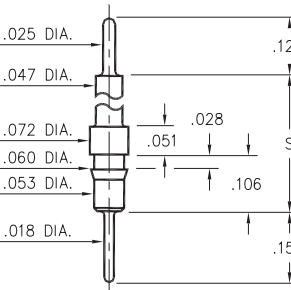


Basic Part Number	Pin Diameter H
5503-0	.025
5509-0	.018

### 5504/5505

550X-0-00-XX-00-00-03-0

Press-fit in .057 mounting hole

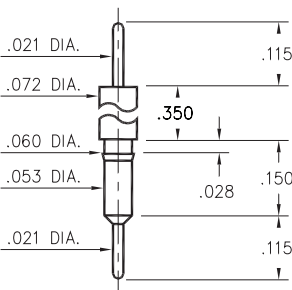


Basic Part Number	Standoff Height S
5504-0	.331
5505-0	.606

### 3406

3406-0-00-XX-00-00-03-0

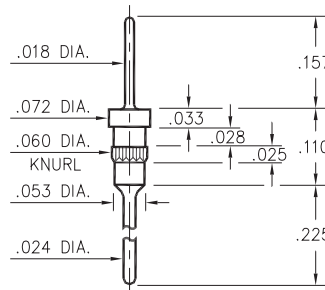
Press-fit in .057 mounting hole



### 5011

5011-0-00-XX-00-00-03-0

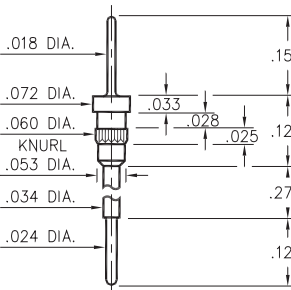
Press-fit in .057 mounting hole



### 5113

5113-0-00-XX-00-00-03-0

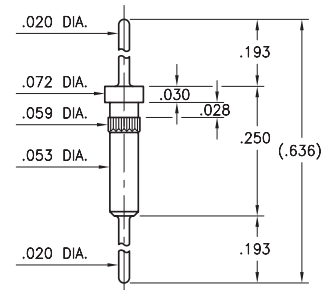
Press-fit in .057 mounting hole



### 3900

3900-0-00-15-00-00-03-0

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

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)



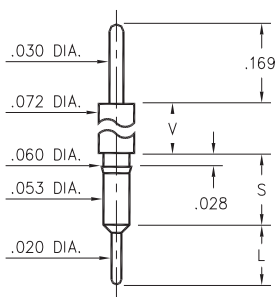
# MALE PCB PINS

## PRINTED CIRCUIT PINS

### 3400 ⇨ 3402/3405/3410

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

Press-fit in .057 mounting hole

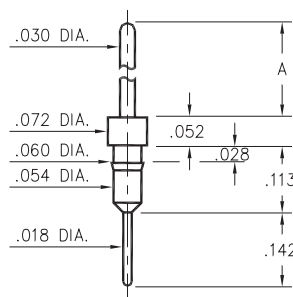


Basic Part Number	Shoulder Height V	Length S	Length L
3402-0	.052	.138	.121
3401-0	.100	.136	.125
3405-0	.169	.146	.115
3400-0	.461	.145	.115
3410-0	.934	.136	.124

### 3411

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

Press-fit in .057 mounting hole

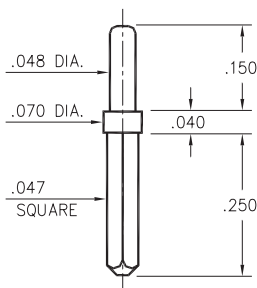


Basic Part Number	Pin Length A
3411-0	.417
3411-1	.217

### 0600

0600-0-05-XX-00-00-01-0

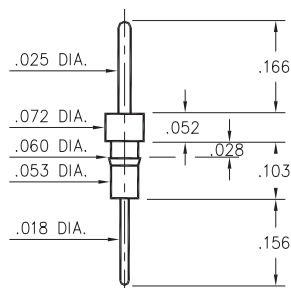
Solder mount .052 mounting hole



### 0290

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

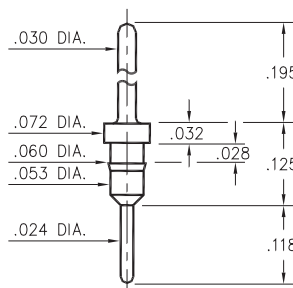
Press-fit in .057 mounting hole



### 7007

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

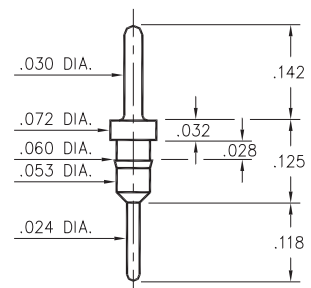
Press-fit in .057 mounting hole



### 5016

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

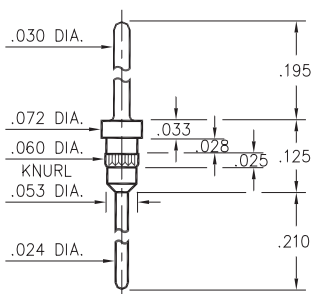
Press-fit in .057 mounting hole



### 5005

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

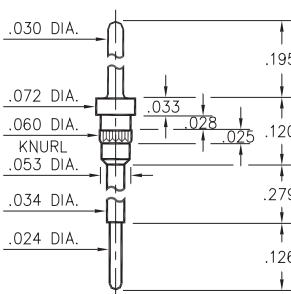
Press-fit in .057 mounting hole



### 5107

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

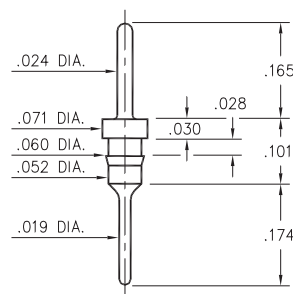
Press-fit in .057 mounting hole



### 8919

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

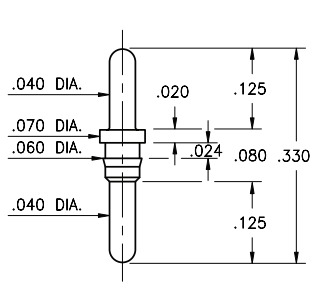
Press-fit in .057 mounting hole



### 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

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)



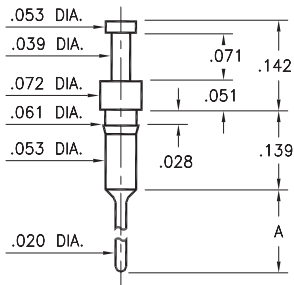
# MALE PCB PINS

## PRINTED CIRCUIT PINS

### 3408

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

Press-fit in .057 mounting hole

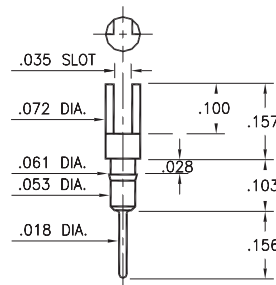


Basic Part Number	Pin Length A
3408-1	.121
3408-2	.181

### 0270/0282

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

Press-fit in .057 mounting hole

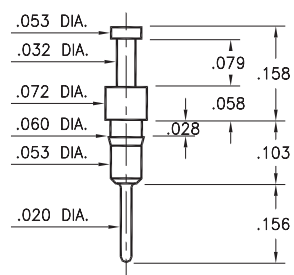


Basic Part Number	Pin Material
0270-0	Phosphor Bronze 544
0282-0	Brass 360

### 0700

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

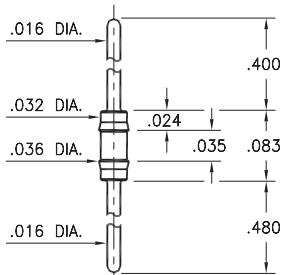
Press-fit in .057 mounting hole



### 8006

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

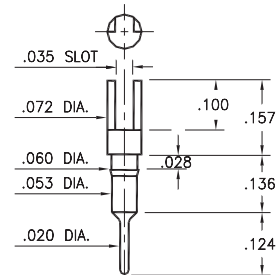
Press-fit in .034 mounting hole



### 0265

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

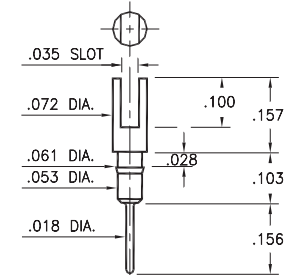
Press-fit in .057 mounting hole



### 0272

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

Press-fit in .057 mounting hole

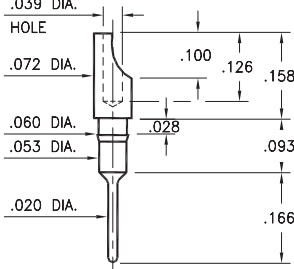


### 8000

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

Press-fit in .057 mounting hole

For wire sizes up to 22 AWG



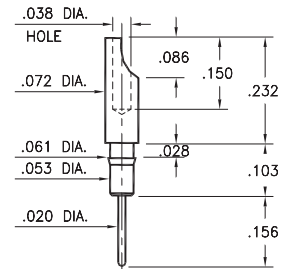
### 0275

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

Press-fit in .057 mounting hole

Pin material is Phosphor Bronze 544 (B2)

For wire sizes up to 22 AWG

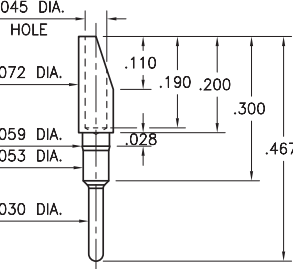


### 1107

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

Press-fit in .057 mounting hole

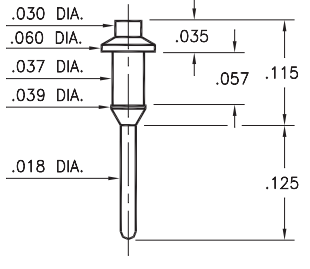
For wire sizes up to 20 AWG



### 9976

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

Press-fit in .038 mounting hole



#### SPECIFICATIONS:

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

**Dimensions:** Inches

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



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

BASIC PART #

SPECIFY PIN FINISH:

- 01 200 μ" TIN/LEAD OVER NICKEL
- ◆ 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)



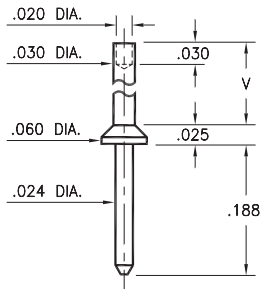
# MALE PCB PINS

## PRINTED CIRCUIT PINS

### 3117

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

Swage mount in .035 hole

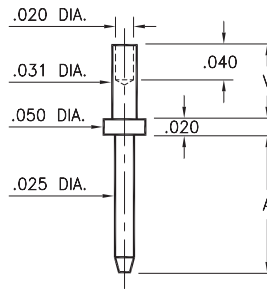


Basic Part Number	Board Thickness	Length V
3117-1	.031	.047
3117-2	.062	.078
3117-3	.094	.110
3117-4	.125	.141

### 3114/3115

311X-X-00-XX-00-00-08-0

Swage mount in .035 mounting hole

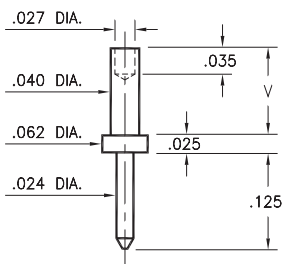


Basic Part Number	Board Thickness	Length A	Length V
3114-1	.031	.150	.051
3114-2	.062	.150	.082
3115-1	.031	.300	.051
3115-2	.062	.300	.082

### 3112

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

Swage mount in .043 hole

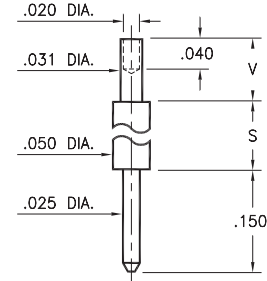


Basic Part Number	Board Thickness	Length V
3112-1	.031	.051
3112-2	.062	.082
3112-3	.094	.113

### 3118/3119

311X-X-00-XX-00-00-08-0

Swage mount in .035 hole

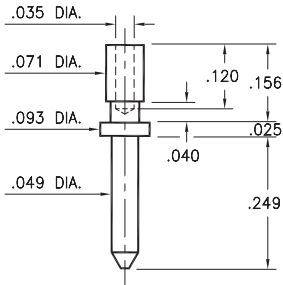


Basic Part Number	Board Thickness	Length S	Length V
3118-1	.031	.170	.051
3118-2	.062	.170	.082
3119-1	.031	.420	.051
3119-2	.062	.420	.082

### 3139

3139-0-00-XX-00-00-08-0

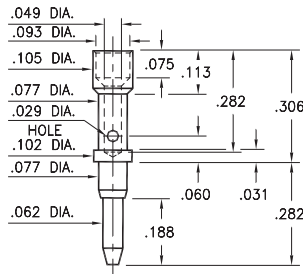
Wire crimp termination. Accepts wire sizes 24 AWG Max. / 28 AWG Min.



### 3602

3602-0-07-XX-00-00-08-0

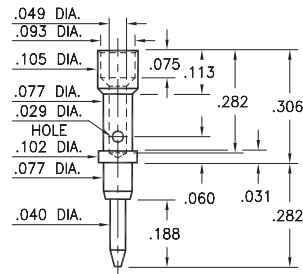
Annealed  
Wire crimp termination. Accepts wire sizes 20 AWG Max. / 24 AWG Min.



### 3603

3603-0-07-XX-00-00-08-0

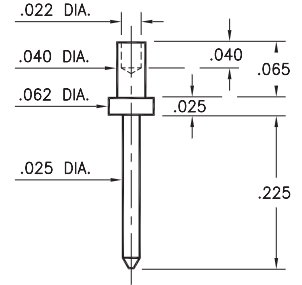
Annealed  
Wire crimp termination. Accepts wire sizes 20 AWG Max. / 24 AWG Min.



### 3131

3131-1-00-XX-00-00-08-0

Swage mount in .043 hole



#### SPECIFICATIONS:

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

**Dimensions:** Inches

**Tolerances On:** Lengths:  $\pm .005$   
Diameters:  $\pm .002$   
Angles:  $\pm 2^\circ$



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

BASIC PART #

SPECIFY PIN FINISH:

- 01 200  $\mu$ m TIN/LEAD OVER NICKEL
- ◆ 80 200  $\mu$ m TIN OVER NICKEL (RoHS)
- ◆ 15 10  $\mu$ m GOLD OVER NICKEL (RoHS)
- ◆ 21 20  $\mu$ m GOLD OVER NICKEL (RoHS)
- ◆ 34 50  $\mu$ m GOLD OVER NICKEL (RoHS)



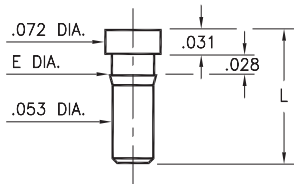
# MALE PCB PINS

## PRINTED CIRCUIT PINS

### 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



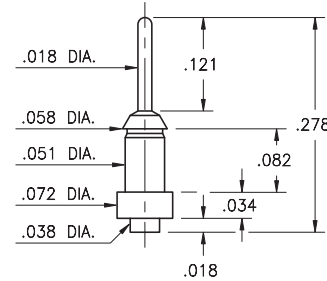
Basic Part Number	Length L	Barb Dia. E	Mounting Hole
0259-0	.173	.062	.059
0286-0	.115	.060	.057
*1941-0	.169	.058	.056

\* Flat face Target contact

### 2956-0

2956-0-00-XX-00-00-03-0

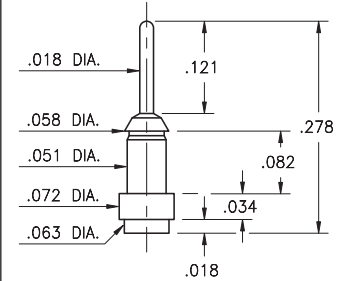
Surface mount



### 2956-1

2956-1-00-XX-00-00-03-0

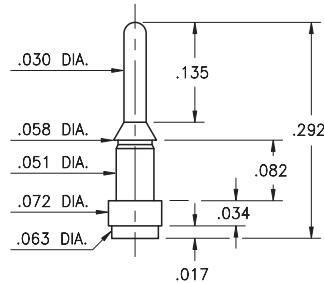
Surface mount



### 4956-1

4956-1-00-XX-00-00-33-0

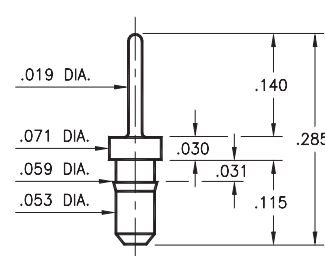
Surface mount



### 8876

8876-0-00-XX-00-00-03-0

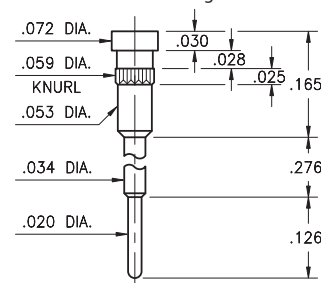
Press-fit in .057 mounting hole



### 1938

1938-0-00-XX-00-00-03-0

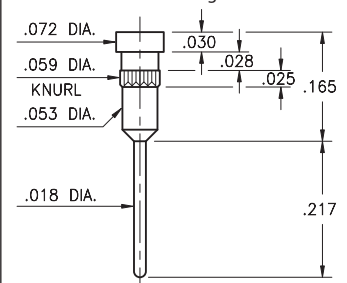
Flat face Target contact, solder Tail  
Press-fit in .057 mounting hole



### 1940

1940-0-00-XX-00-00-03-0

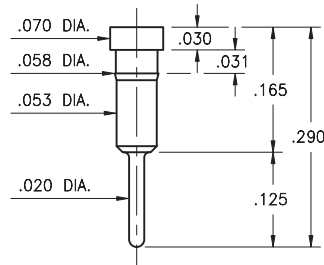
Flat face Target contact, solder Tail  
Press-fit in .057 mounting hole



### 1942

1942-0-00-XX-00-00-03-0

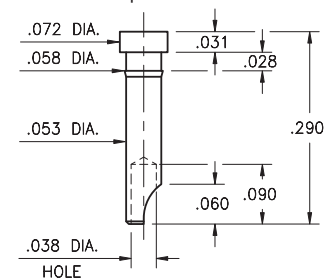
Flat face Target contact, solder Tail  
Press-fit in .056 mounting hole



### 3024

3024-0-01-XX-00-00-03-0

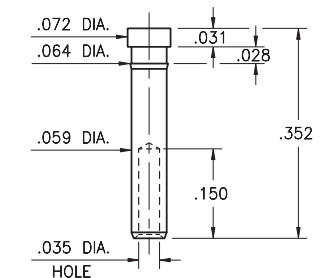
Flat face Target contact, solder cup  
Press-fit in .056 mounting hole  
For wire sizes up to 22 AWG



### 3000

3000-0-00-XX-00-00-03-0

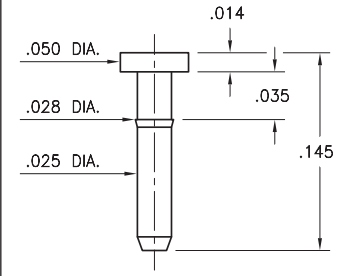
Flat face Target contact, wire termination  
Press-fit in .061 mounting hole. Accepts wire sizes 24 AWG Max. / 28 AWG Min.



### 6430

6430-0-00-XX-00-00-03-0

Press-fit in .025 mounting hole



#### 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
- ◆ 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)



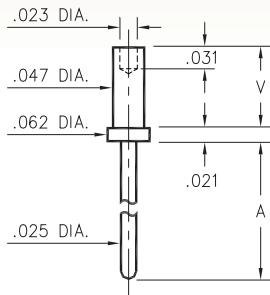
# MALE PCB PINS

## PRINTED CIRCUIT PINS

### 3130/3134

31XX-X-00-XX-00-00-08-0

Swage mount in .052 hole

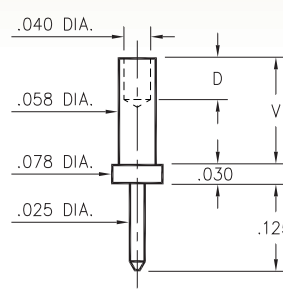


Basic Part Number	Board Thickness	Length A	Length V
3134-1	.031	.079	.051
3134-2	.062	.079	.082
3134-3	.094	.079	.113
3134-4	.125	.079	.145
3130-1	.031	.179	.051
3130-2	.062	.179	.082
3130-3	.094	.179	.113
3130-4	.125	.179	.145

### 3113

3113-X-00-XX-00-00-08-0

Swage mount in .062 hole

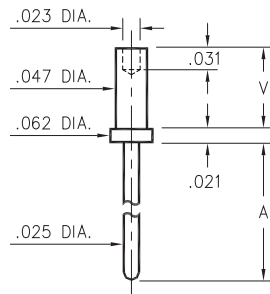


Basic Part Number	Board Thickness	Length V	Depth D
3113-1	.031	.062	.040
3113-2	.062	.094	.062
3113-3	.094	.125	.062
3113-4	.125	.156	.062

### 3151

3151-X-00-XX-00-00-08-0

Swage mount in .052 hole



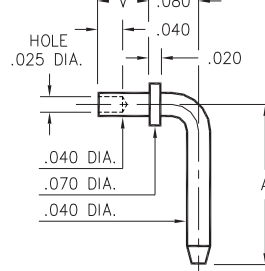
Basic Part Number	Board Thickness	Length A	Length V
3151-1	.031	.479	.051
3151-2	.062	.479	.082
3151-3	.094	.479	.113
3151-4	.125	.479	.145

### 3301 ⇌ 3304

330X-X-14-XX-00-00-08-0

Specify board thickness

Swage mount in .043 hole



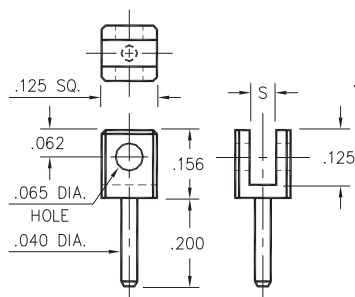
Basic Part Number	Pin Centers A
3301-X	.257
3302-X	.357
3303-X	.375
3304-X	.562

- X -	Board Thickness	Length V
1	.031	.051
2	.062	.082
3	.094	.113

### 3620

3620-X-32-XX-00-00-08-0

Board edge rivet mount.

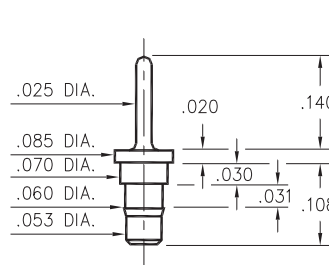


Basic Part Number	Board Thickness	Slot S
3620-1	.031	.047
3620-2	.062	.075

### 0940

0940-0-00-XX-00-00-03-0

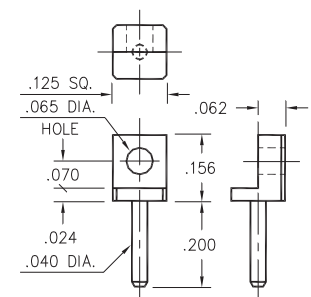
Press-fit in .057 mounting hole



### 3621

3621-0-32-XX-00-00-08-0

Board edge rivet mount



#### 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
- ◆ 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)



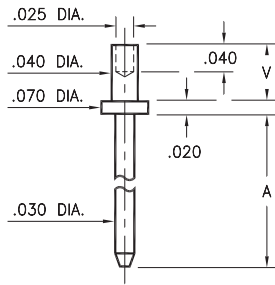
# MALE PCB PINS

## PRINTED CIRCUIT PINS

### 3110/3111

311X-X-00-XX-00-00-08-0

Swage mount in .043 hole

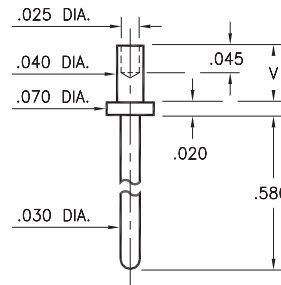


Basic Part Number	Board Thickness	Length A	Length V
3110-1	.031	.150	.051
3110-2	.062	.150	.082
3110-3	.094	.150	.113
3111-1	.031	.300	.051
3111-2	.062	.300	.082
3111-3	.094	.300	.113

### 3150

3150-X-00-XX-00-00-08-0

Swage mount in .043 mounting hole



Basic Part Number	Board Thickness	Length V
3150-1	.031	.051
3150-2	.062	.082

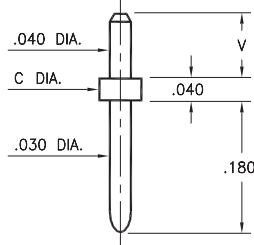
### 3136/3137

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

Solder mount in .043 mounting hole

3137-1 is available on 16mm wide carrier tape: 580 parts per 13" reel.

See page 224.2 for Tape & Reel details



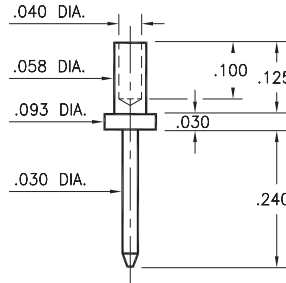
Basic Part Number	Board Thickness	Length V	Flange Dia. C
3136-1	.062	.082	
3136-2	.094	.110	.078
3136-3	.125	.145	
3137-1	.062	.082	
3137-2	.094	.110	.062
3137-3	.125	.145	
3137-4	.156	.185	

### 3148

3148-3-00-XX-00-00-08-0

Swage mount in .062 hole

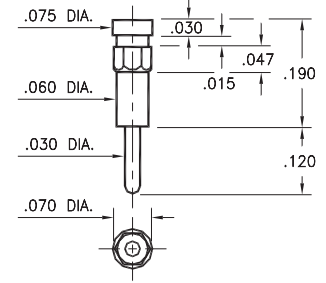
For a .094 thick board



### 8815

8815-0-00-XX-00-00-03-0

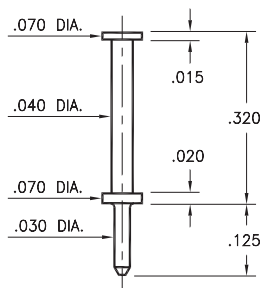
Hex press-fit in .066 plated through-hole



### 6821

6821-0-00-XX-00-00-08-0

Turret terminal pin

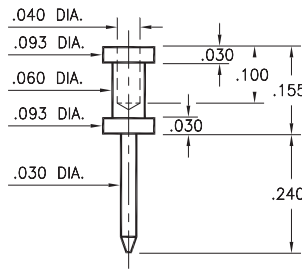


### 3132

3132-0-00-XX-00-00-08-0

Wire crimp termination, Annealed

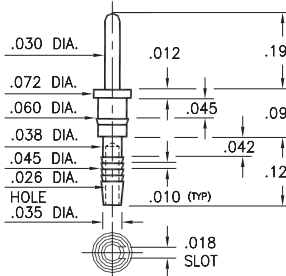
Accepts wire sizes 22 AWG Max. / 24 AWG Min.



### 5601

5601-0-01-XX-00-00-03-0

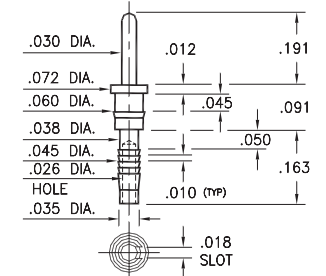
Compliant press-fit in .040 ± .003 plated through-hole. For .060" → .100" thick board



### 5602

5602-0-01-XX-00-00-03-0

Compliant press-fit in .040 ± .003 plated through-hole. For .090" → .130" 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 - 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)



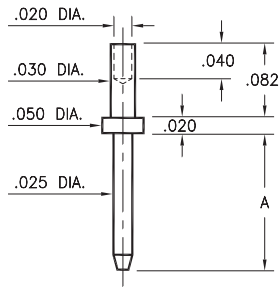
# MALE PCB PINS

## PRINTED CIRCUIT PINS

### 3120

3120-X-00-XX-00-00-08-0

Swage mount in .034 hole

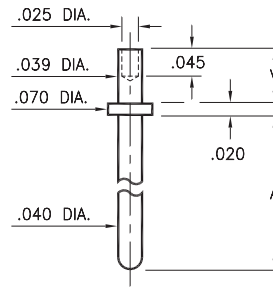


Basic Part Number	Pin Length A
3120-1	.205
3120-2	.250

### 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

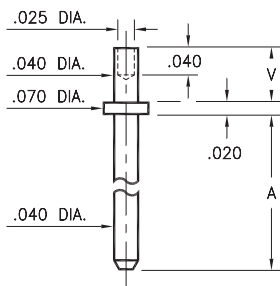
  

- X -	Board Thickness	Length V
1	.031	.051
2	.062	.082

### 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

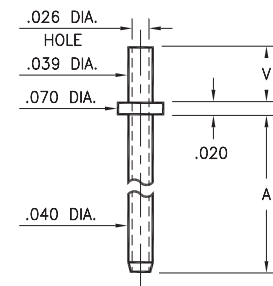
  

- X -	Board Thickness	Length V
1	.031	.051
2	.062	.082
3	.094	.113

### 3221⇔3223

322X-0-00-XX-00-00-08-0

Swage mount in .043 hole



Basic Part Number	Pin Length A
3221-X	.100
3222-X	.150
3223-X	.300

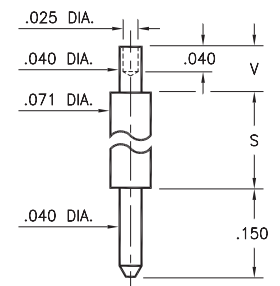
  

- X -	Board Thickness	Length V
1	.031	.051
2	.062	.082
3	.094	.113

### 3125/3126

312X-X-00-XX-00-00-08-0

Swage mount in .043 hole



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

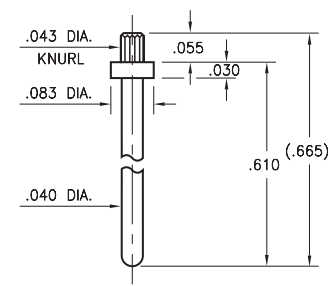
  

- X -	Board Thickness	Length V
1	.031	.051
2	.062	.082
3	.094	.113

### 6061

6061-0-00-XX-00-00-03-0

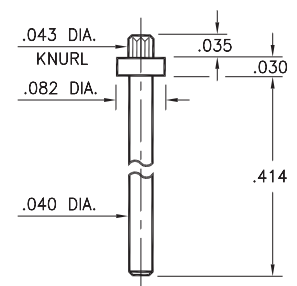
Press-fit in .040 mounting hole



### 4526

4526-0-00-XX-00-00-03-0

Press-fit in .040 mounting hole



#### SPECIFICATIONS:

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

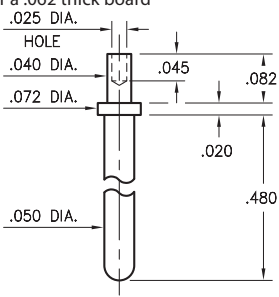
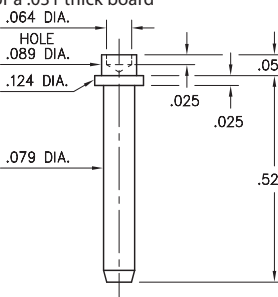
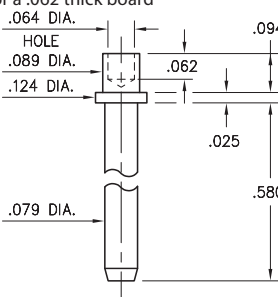
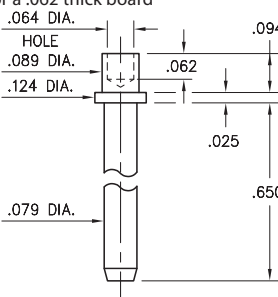
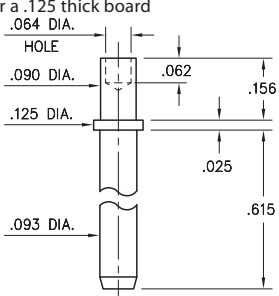
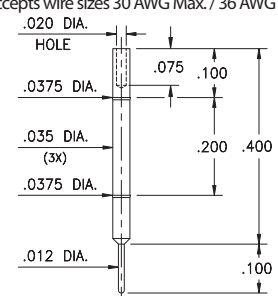
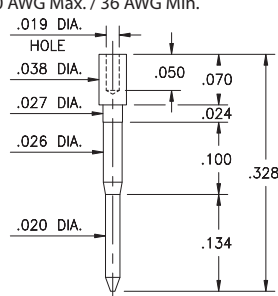
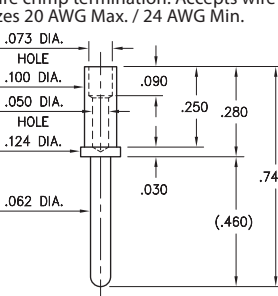
- 01 200 μ" TIN/LEAD OVER NICKEL
- ◆ 80 200 μ" TIN OVER NICKEL (RoHS)
- ◆ 15 10 μ" GOLD OVER NICKEL (RoHS)
- ◆ 21 20 μ" GOLD OVER NICKEL (RoHS)
- ◆ 34 50 μ" GOLD OVER NICKEL (RoHS)





# MALE PCB PINS

## PRINTED CIRCUIT PINS

<p><b>4123</b> 4123-0-00-XX-00-00-08-0 Swage mount in .044 hole For a .062 thick board</p> 	<p><b>2231</b> 2231-0-00-XX-00-00-08-0 Swage mount in .093 hole For a .031 thick board</p> 	<p><b>4395</b> 4395-0-00-XX-00-00-08-0 Swage mount in .093 hole For a .062 thick board</p> 	<p><b>5233</b> 5233-0-00-XX-00-00-08-0 Swage mount in .093 hole For a .062 thick board</p> 
<p><b>6331</b> 6331-0-00-XX-00-00-08-0 Swage mount in .094 hole For a .125 thick board</p> 	<p><b>4194</b> 4194-0-00-XX-00-00-08-0 Wire crimp termination &amp; press-fit in .036 hole Accepts wire sizes 30 AWG Max. / 36 AWG Min.</p> 	<p><b>5556</b> 5556-0-00-XX-00-00-38-0 Wire crimp termination. Accepts wire sizes 30 AWG Max. / 36 AWG Min.</p> 	<p><b>6788</b> 6788-0-00-XX-00-00-03-0 Annealed Wire crimp termination. Accepts wire sizes 20 AWG Max. / 24 AWG Min.</p> 

### SPECIFICATIONS:

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

#### Dimensions: Inches

**Tolerances On:** Lengths:  $\pm .005$   
Diameters:  $\pm .002$   
Angles:  $\pm 2^\circ$



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

BASIC PART #

SPECIFY PIN FINISH:

- 01 200  $\mu$ m TIN/LEAD OVER NICKEL
- ◆ 80 200  $\mu$ m TIN OVER NICKEL (RoHS)
- ◆ 15 10  $\mu$ m GOLD OVER NICKEL (RoHS)
- ◆ 21 20  $\mu$ m GOLD OVER NICKEL (RoHS)
- ◆ 34 50  $\mu$ m GOLD OVER NICKEL (RoHS)

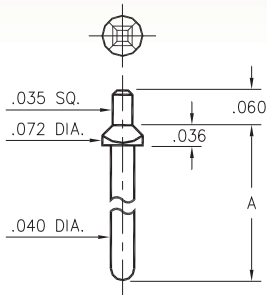
# MALE PCB PINS

## PRINTED CIRCUIT PINS

### 8600/8954/8955

8XXX-X-05-XX-00-00-03-0

Square press-fit in .043 plated through-hole

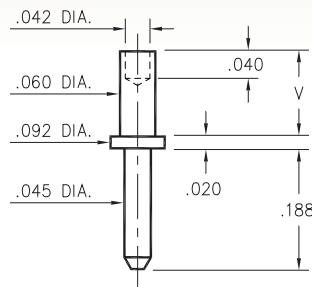


Basic Part Number	Pin Length A
8600-0	.400
8600-1	.850
8600-2	1.200
8954-0	.136
8955-0	.655

### 3159

3159-X-00-XX-00-00-08-0

Swage mount in .064 hole

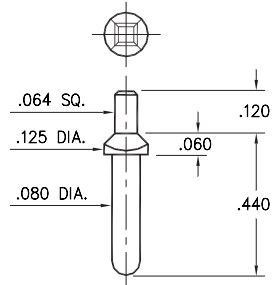


Basic Part Number	Board Thickness	Length V
3159-1	.031	.062
3159-2	.062	.094
3159-3	.094	.125
3159-4	.125	.156

### 8952

8952-0-05-XX-00-00-03-0

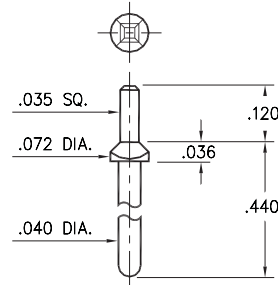
Square press-fit in .087 plated through-hole



### 8953

8953-0-05-XX-00-00-03-0

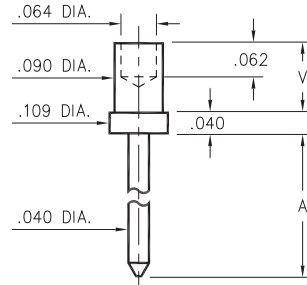
Square press-fit in .047 plated through-hole



### 3230

3230-X-00-XX-00-00-08-0

Swage mount in .094 hole



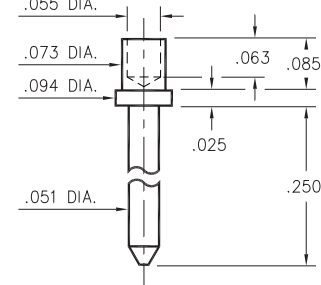
Basic Part Number	Board Thickness	Length A	Length V
3230-1	.031	.202	.065
3230-2	.062	.228	.095
3230-3	.094	.258	.125
3230-4	.125	.288	.155

### 3146

3146-2-00-XX-00-00-08-0

Swage mount in .076 hole

For a .062 thick board

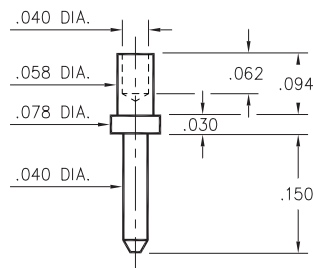


### 3142

3142-2-00-XX-00-00-08-0

Swage mount in .062 hole

For a .062 thick board

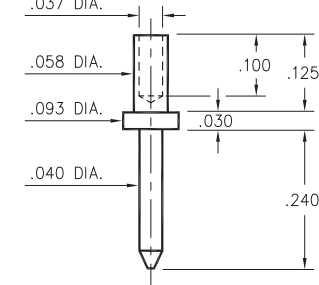


### 3232

3232-3-00-XX-00-00-08-0

Swage mount in .062 hole

For a .094 thick board

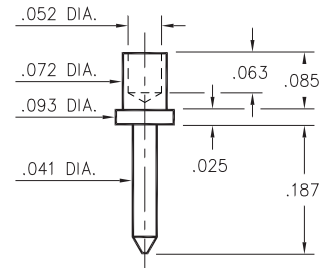


### 3145

3145-2-00-XX-00-00-08-0

Swage mount in .076 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:  $\pm .005$   
Diameters:  $\pm .002$   
Angles:  $\pm 2^\circ$



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

BASIC PART #

SPECIFY PIN FINISH:

- 01 200  $\mu$ " TIN/LEAD OVER NICKEL
- ◆ 80 200  $\mu$ " TIN OVER NICKEL (RoHS)
- ◆ 15 10  $\mu$ " GOLD OVER NICKEL (RoHS)
- ◆ 21 20  $\mu$ " GOLD OVER NICKEL (RoHS)
- ◆ 34 50  $\mu$ " GOLD OVER NICKEL (RoHS)



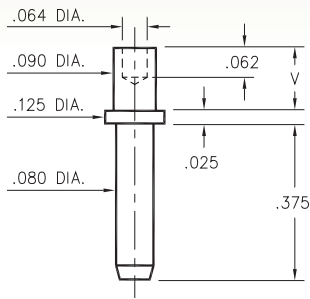
# MALE PCB PINS

## PRINTED CIRCUIT PINS

### 3231

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

Swage mount in .094 hole

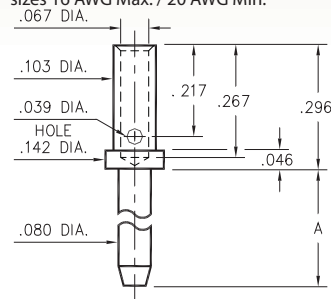


Basic Part Number	Board Thickness	Length V
3231-2	.062	.094
3231-3	.094	.125
3231-4	.125	.156

### 3609

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

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

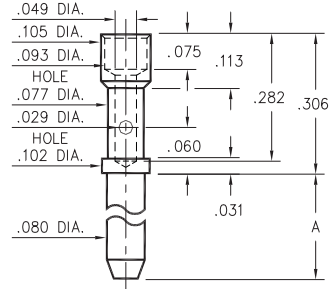


Basic Part Number	Pin Length A
3609-1	.200
3609-2	.375
3609-3	.500

### 3601

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

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

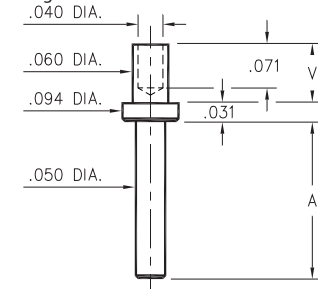


Basic Part Number	Pin Length A
3601-1	.200
3601-2	.375
3601-3	.500

### 3133/3138/3152

31XX-X-00-XX-00-00-08-0

Specify board thickness  
Swage mount in .064 hole



Basic Part Number	Pin Length A
3152-X	.094
3133-X	.219
3138-X	.282

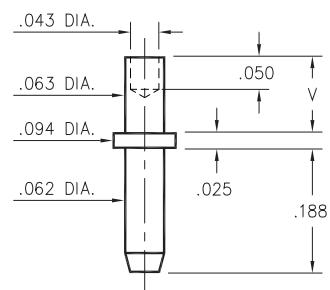
  

- X -	Board Thickness	Length V
1	.031	.063
2	.062	.094
3	.094	.125
4	.125	.156

### 3144

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

Swage mount in .067 hole

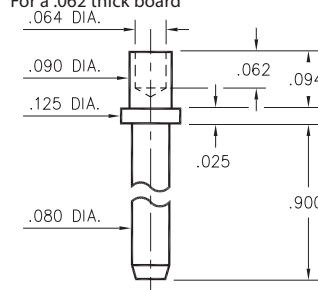


Basic Part Number	Board Thickness	Length V
3144-1	.031	.053
3144-2	.062	.084
3144-3	.094	.115

### 3233

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

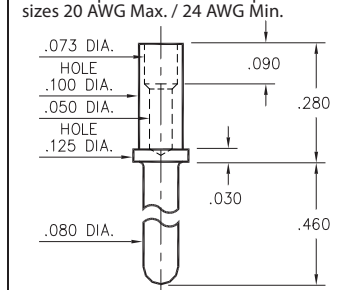
Swage mount in .094 hole  
For a .062 thick board



### 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

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)



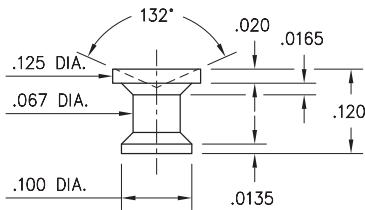
# MALE PCB PINS

## PRINTED CIRCUIT PINS

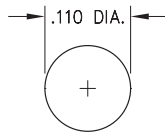
### 1943

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



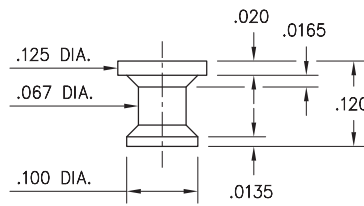
P.C.B. Layout



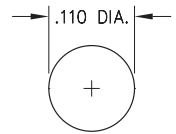
### 1944

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



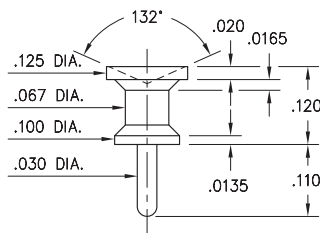
P.C.B. Layout



### 1945

1945-0-00-15-00-00-03-0

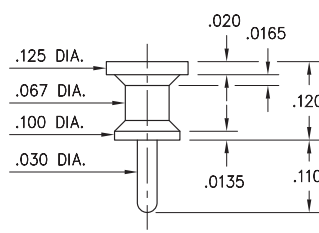
Concave face Target contact, solder Tail



### 1946

1946-0-00-15-00-00-03-0

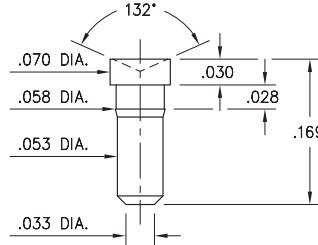
Flat face Target contact, solder Tail



### 1947

1947-0-00-15-00-00-03-0

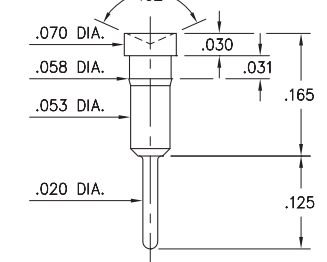
Concave face Target contact, surface mount  
Press-fit in .056 mounting hole



### 1948

1948-0-00-15-00-00-03-0

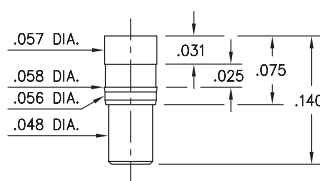
Concave face Target contact, Solder Tail  
Press-fit in .056 mounting hole



### 1949

1949-0-00-15-00-00-03-0

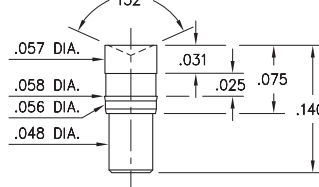
Flat face Target contact, surface mount  
Press-fit in .056 mounting hole



### 1950

1950-0-00-15-00-00-03-0

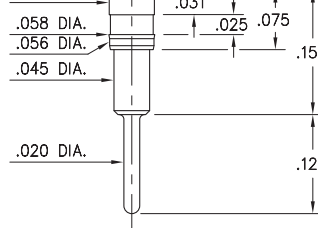
Concave face Target contact, surface mount  
Press-fit in .056 mounting hole



### 1951

1951-0-00-15-00-00-03-0

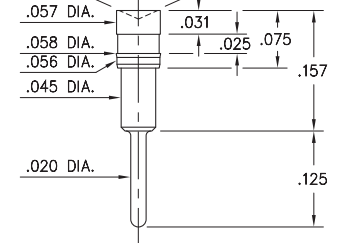
Flat face Target contact, Solder Tail  
Press-fit in .056 mounting hole



### 1952

1952-0-00-15-00-00-03-0

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



#### SPECIFICATIONS:

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

**Dimensions:** Inches

**Tolerances On:** Lengths:  $\pm .005$   
Diameters:  $\pm .002$   
Angles:  $\pm 2^\circ$



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

BASIC PART #

SPECIFY PIN FINISH:

◆ 15 10  $\mu$ " GOLD OVER NICKEL (RoHS)



# MALE PCB PINS

## PRINTED CIRCUIT PINS

<p><b>1958</b> 1958-0-00-15-00-00-03-0 Concave face Target contact, solder Tail Press-fit in .057 mounting hole</p>	<p><b>1960</b> 1960-0-00-15-00-00-03-0 Concave face Target contact, solder Tail Press-fit in .057 mounting hole</p>	<p><b>1831</b> 1831-1-00-15-00-00-03-0 Concave face Target contact, solder Tail Hex press-fit in .034 mounting hole</p>	<p><b>1931</b> 1931-1-00-15-00-00-03-0 Flat face Target contact, solder Tail Hex press-fit in .034 mounting hole</p>
<p><b>1953</b> 1953-0-00-XX-00-00-03-0 Flat face Target contact, surface mount Press-fit in .056 mounting hole</p>	<p><b>1954</b> 1954-0-00-XX-00-00-03-0 Flat face Target contact, surface mount Press-fit in .056 mounting hole</p>	<p><b>1955</b> 1955-0-00-15-00-00-03-0 Concave face Target contact, surface mount Press-fit in .056 mounting hole</p>	<p><b>1957</b> 1957-0-00-15-00-00-03-0 Concave face Target contact, surface mount Press-fit in .056 mounting hole</p>
<p><b>1933</b> 1933-0-00-XX-00-00-03-0 Flat face Target contact, solder Tail Press-fit in .034 mounting hole</p>	<p><b>1935</b> 1935-0-00-XX-00-00-03-0 Flat face Target contact, surface mount Press-fit in .034 mounting hole</p>	<p><b>1934</b> 1934-0-00-15-00-00-03-0 Concave face Target contact, solder Tail Press-fit in .034 mounting hole</p>	<p><b>1936</b> 1936-0-00-15-00-00-03-0 Concave face Target contact, surface mount Press-fit in .034 mounting hole</p>

### SPECIFICATIONS:

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

**Dimensions:** Inches

**Tolerances On:** Lengths:  $\pm .005$   
Diameters:  $\pm .002$   
Angles:  $\pm 2^\circ$



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

**BASIC PART #** →

→ **SPECIFY PIN FINISH:**

- 01 200  $\mu$ m TIN/LEAD OVER NICKEL
- ◆ 80 200  $\mu$ m TIN OVER NICKEL (RoHS)
- ◆ 15 10  $\mu$ m GOLD OVER NICKEL (RoHS)
- ◆ 21 20  $\mu$ m GOLD OVER NICKEL (RoHS)
- ◆ 34 50  $\mu$ m GOLD OVER NICKEL (RoHS)



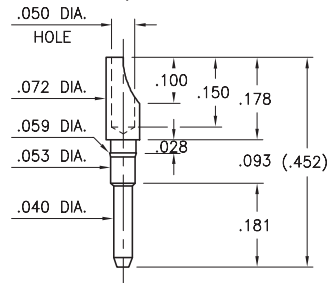
# MALE PCB PINS

## PRINTED CIRCUIT PINS

### 1140

**1140-0-01-XX-00-00-03-0**

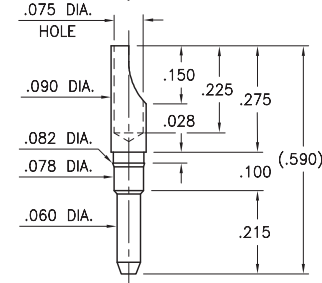
Press-fit in .057 mounting hole  
For wire sizes up to 20 AWG



### 1160

**1160-0-01-XX-00-00-03-0**

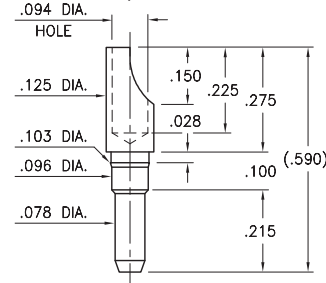
Press-fit in .080 mounting hole  
For wire sizes up to 16 AWG



### 1178

**1178-0-01-XX-00-00-03-0**

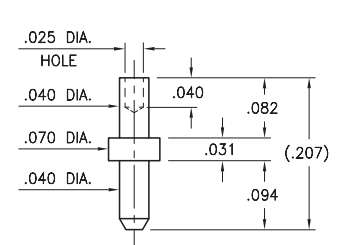
Press-fit in .100 mounting hole  
For wire sizes up to 14 AWG



### 4658

**4658-0-00-XX-00-00-08-0**

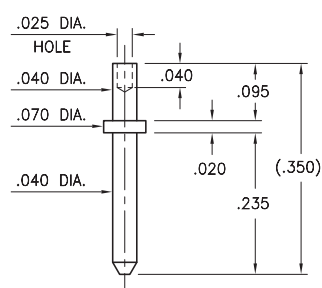
Swage mount .043 mounting hole



### 4275

**4275-0-00-XX-00-00-08-0**

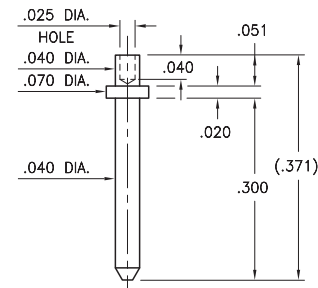
Swage mount .043 mounting hole



### 9103

**9103-0-00-XX-00-00-08-0**

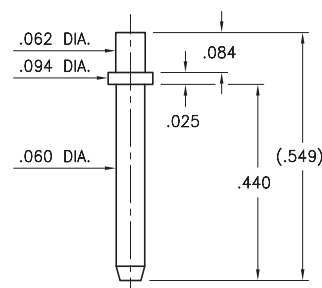
Swage mount .043 mounting hole



### 4357

**4357-0-00-XX-00-00-03-0**

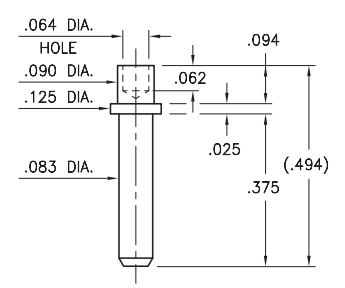
Solder mount .064 mounting hole



### 9242

**9242-0-00-XX-00-00-08-0**

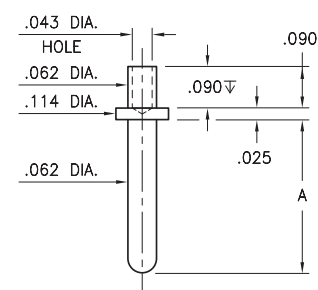
Swage mount .094 mounting hole



### 4639/4717

**4XXX-0-00-XX-00-00-08-0**

Swage mount .065 mounting hole

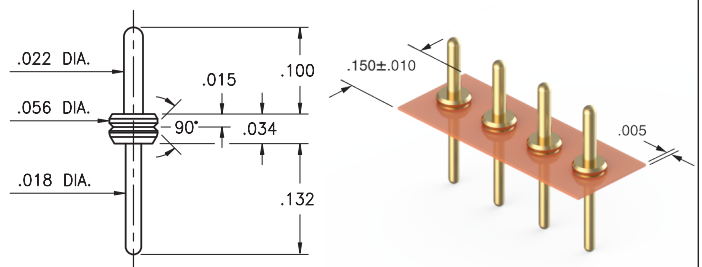


Basic Part Number	Pin Length A
4639-0	.432
4717-0	.332

### 3169

**3169-0-61-15-00-00-03-0**

Pins are mounted on a removable Kapton tape carrier at .100" pitch.  
Packaged on continuous strip spools of 1,000 pins.  
(Contact distributors for other order quantity options.)



#### SPECIFICATIONS:

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

**Dimensions:** Inches

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



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

**BASIC PART #**

**SPECIFY PIN FINISH:**

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



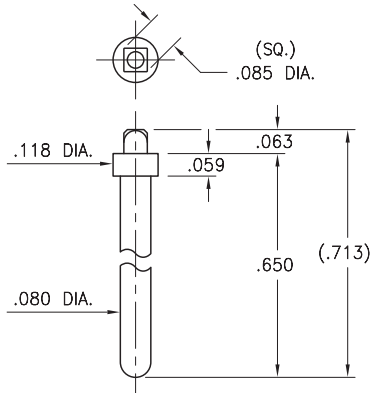
# MALE PCB PINS

## PRINTED CIRCUIT PINS

### 5920

5920-0-00-XX-00-00-03-0

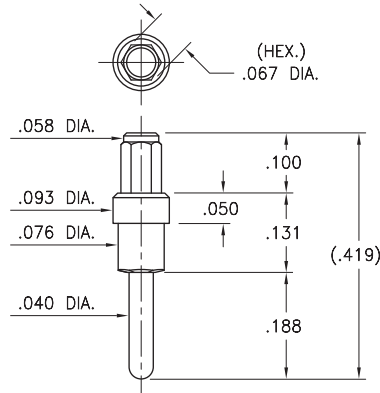
Solderless press-fit pin for plated through-hole  
Recommended drilled hole size: .086 (2,18mm)



### 6025

6025-0-00-XX-00-00-03-0

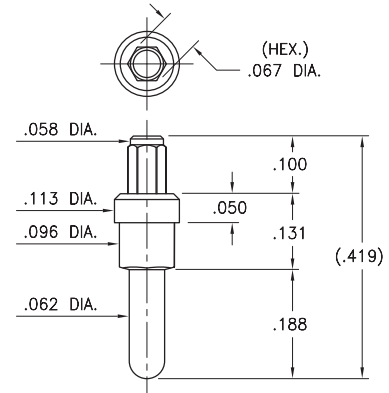
Solderless press-fit pin for plated through-hole  
Recommended drilled hole size: .068 (1,73mm)



### 6035

6035-0-00-XX-00-00-03-0

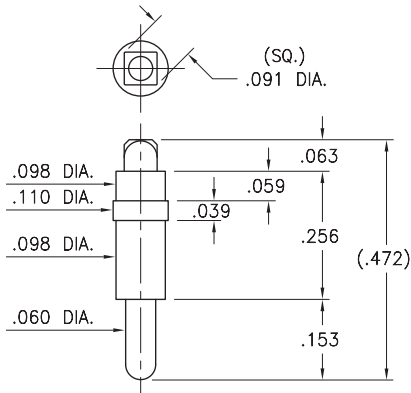
Solderless press-fit pin for plated through-hole  
Recommended drilled hole size: .068 (1,73mm)



### 8237

8237-0-05-XX-00-00-03-0

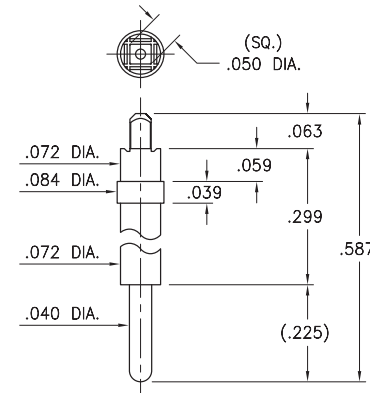
Solderless press-fit pin for plated through-hole  
Recommended drilled hole size: .092 (2,34mm)



### 6834

6834-0-00-XX-00-00-03-0

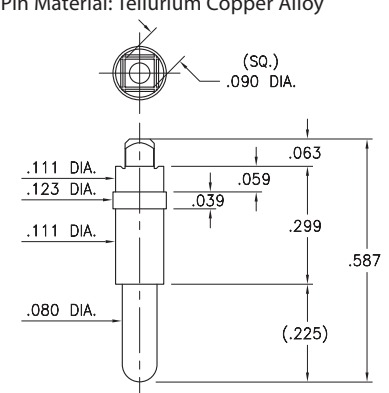
Solderless press-fit pin for plated through-hole  
Recommended drilled hole size: .0512 (1,3mm)



### 6835

6835-0-00-XX-00-00-44-0

Solderless press-fit pin for plated through-hole  
Recommended drilled hole size: .092 (2,34mm)  
\* Pin Material: Tellurium Copper Alloy



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

<p><b>1959-0</b> 1959-0-00-15-00-00-03-0 Flat face Target contact, surface mount Press-fit in .098 mounting hole</p>	<p><b>1959-1</b> 1959-1-00-15-00-00-03-0 Concave face Target contact, surface mount Press-fit in .098 mounting hole</p>	<p><b>1969-0</b> 1969-0-00-15-00-00-03-0 Flat face Target contact, solder Tail Press-fit in .098 mounting hole</p>	<p><b>1969-1</b> 1969-1-00-15-00-00-03-0 Concave face Target contact, solder Tail Press-fit in .098 mounting hole</p>						
<p><b>1968-0</b> 1968-0-01-15-00-00-03-0 Flat face Target contact, Press-fit in .097" mounting hole. For wire sizes up to 16AWG</p>	<p><b>1968-1</b> 1968-1-01-15-00-00-03-0 Concave face Target contact, Press-fit in .097" mounting hole. For wire sizes up to 16AWG</p>	<p><b>3078</b> 3078-X-00-15-00-00-03-0 Press-fit in .057 mounting hole For wire sizes up to 22 AWG</p> <table border="1" data-bbox="1218 924 1429 1092"> <thead> <tr> <th>Basic Part Number</th> <th>Pin Length A</th> </tr> </thead> <tbody> <tr> <td>3078-0</td> <td>.145</td> </tr> <tr> <td>3078-1</td> <td>.205</td> </tr> </tbody> </table>		Basic Part Number	Pin Length A	3078-0	.145	3078-1	.205
Basic Part Number	Pin Length A								
3078-0	.145								
3078-1	.205								
<p><b>3180</b> 3180-2-01-XX-00-00-03-0 Press-fit in .055 mounting hole For wire sizes up to 22 AWG</p>	<p><b>3080</b> 3080-0-01-XX-00-00-03-0 Press-fit in .057 mounting hole For wire sizes up to 22 AWG</p>	<p><b>0518</b> 0518-0-01-XX-00-00-03-0 Press-fit in .059 mounting hole For wire sizes up to 22 AWG</p>							

### SPECIFICATIONS:

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

**Dimensions:** Inches

**Tolerances On:** Lengths:  $\pm .005$   
Diameters:  $\pm .002$   
Angles:  $\pm 2^\circ$



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

**BASIC PART #**

**SPECIFY PIN FINISH:**

- 01 200  $\mu$ " TIN/LEAD OVER NICKEL
- ◆ 80 200  $\mu$ " TIN OVER NICKEL (RoHS)
- ◆ 15 10  $\mu$ " GOLD OVER NICKEL (RoHS)
- ◆ 21 20  $\mu$ " GOLD OVER NICKEL (RoHS)
- ◆ 34 50  $\mu$ " GOLD OVER NICKEL (RoHS)





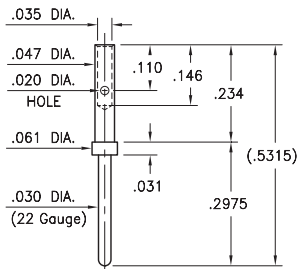
# MALE PCB PINS

## CRIMP PINS FOR 12-28 AWG WIRE

### 3922

#### 3922-0-01-XX-00-00-08-0

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

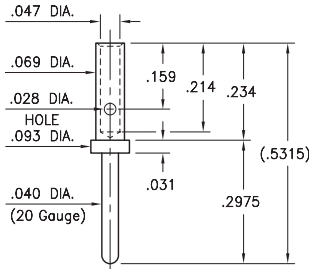


Dimensions per M39029/58-360

### 3920

#### 3920-0-01-XX-00-00-08-0

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

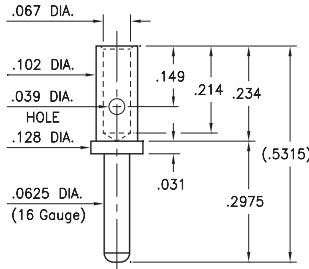


Dimensions per M39029/58-363

### 3916

#### 3916-0-01-XX-00-00-08-0

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

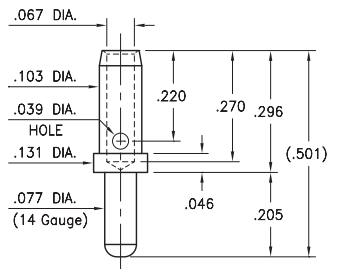


Dimensions per M39029/58-364

### 3914

#### 3914-0-01-XX-00-00-08-0

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

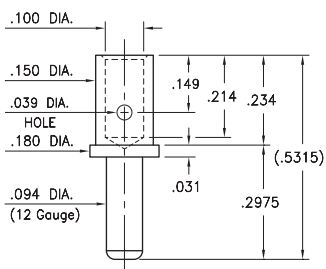


Dimensions per M39029/1-102

### 3912

#### 3912-0-01-XX-00-00-08-0

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



Dimensions per M39029/58-365

### SPECIFICATIONS:

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

**Dimensions:** Inches

**Tolerances On:** Lengths:  $\pm .005$   
Diameters:  $\pm .002$   
Angles:  $\pm 2^\circ$



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

**BASIC PART #**

**SPECIFY PIN FINISH:**

- 01 200  $\mu$ " TIN/LEAD OVER NICKEL
- ◆ 80 200  $\mu$ " TIN OVER NICKEL (RoHS)
- ◆ 15 10  $\mu$ " GOLD OVER NICKEL (RoHS)
- ◆ 21 20  $\mu$ " GOLD OVER NICKEL (RoHS)
- ◆ 34 50  $\mu$ " GOLD OVER NICKEL (RoHS)



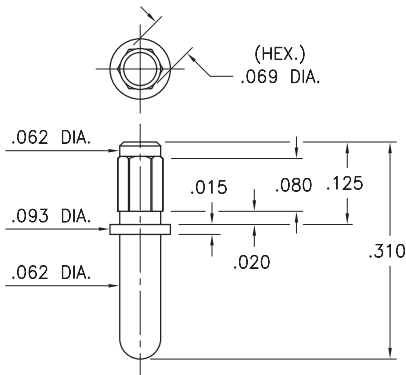
# MALE PCB PINS

## PRINTED CIRCUIT PINS

### 3975

**3975-0-00-XX-00-00-03-0**

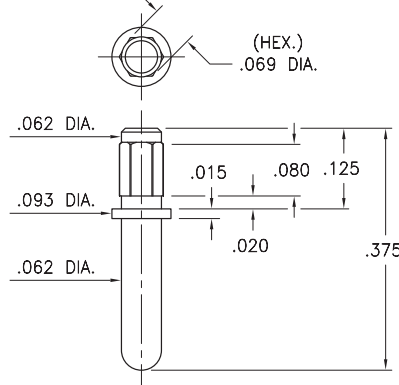
Solderless press-fit pin for plated through-hole  
Recommended drilled hole size: .070 (1,78mm)



### 3977

**3977-0-00-XX-00-00-03-0**

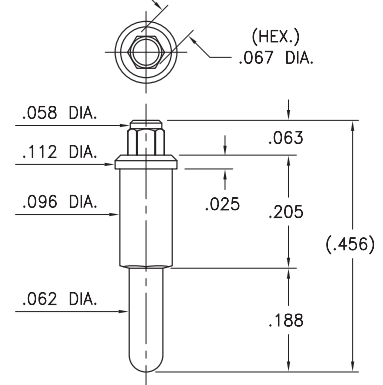
Solderless press-fit pin for plated through-hole  
Recommended drilled hole size: .070 (1,78mm)



### 4427

**4427-0-00-XX-00-00-03-0**

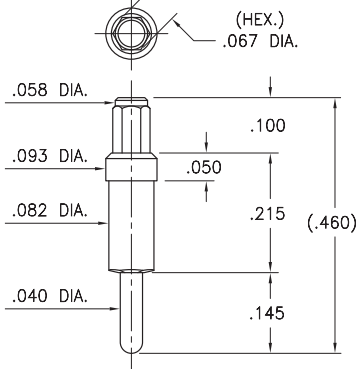
Solderless press-fit pin for plated through-hole  
Recommended drilled hole size: .068 (1,73mm)



### 7504

**7504-0-00-XX-00-00-03-0**

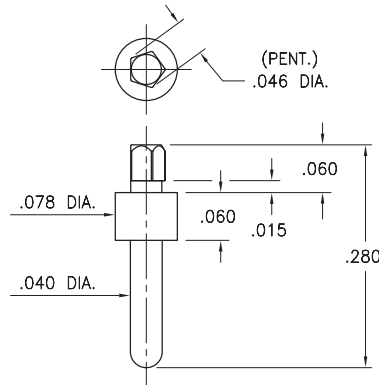
Solderless press-fit pin for plated through-hole  
Recommended drilled hole size: .068 (1,73mm)



### 9003

**9003-0-00-XX-00-00-03-0**

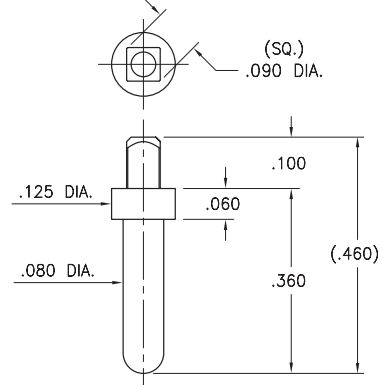
Solderless press-fit pin for plated through-hole  
Recommended drilled hole size: .047 (1,19mm)



### 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)



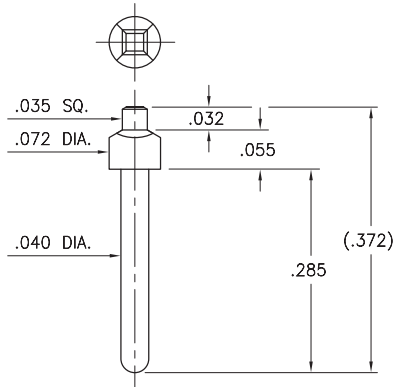
# MALE PCB PINS

## PRINTED CIRCUIT PINS

### 1655

1655-0-00-XX-00-00-03-0

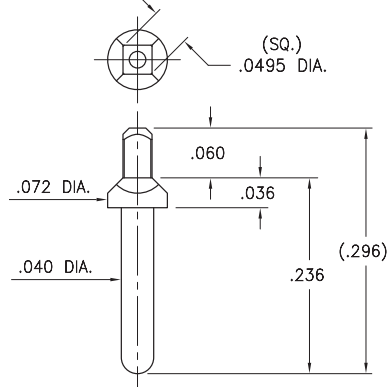
Solderless press-fit pin for plated through-hole  
Recommended drilled hole size: .0505 (1,28mm)



### 4219

4219-0-05-XX-00-00-03-0

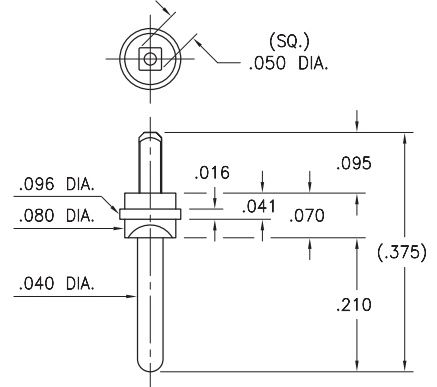
Solderless press-fit pin for plated through-hole  
Recommended drilled hole size: .0505 (1,28mm)



### 5459

5459-0-00-XX-00-00-03-0

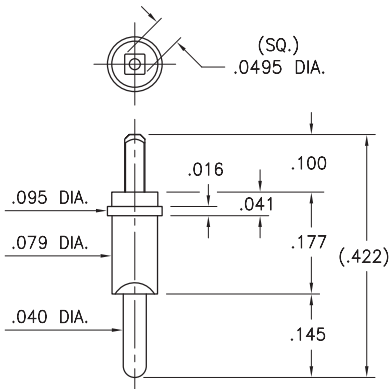
Solderless press-fit pin for plated through-hole  
Recommended drilled hole size: .051 (1,3mm)



### 9061

9061-0-00-XX-00-00-03-0

Solderless press-fit pin for plated through-hole  
Recommended drilled hole size: .0505 (1,28mm)



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 - 03 - 0

**BASIC PART #** →

← **SPECIFY PIN FINISH:**

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

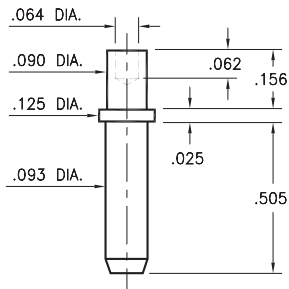
# MALE PCB PINS

## PRINTED CIRCUIT PINS

### 5231

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

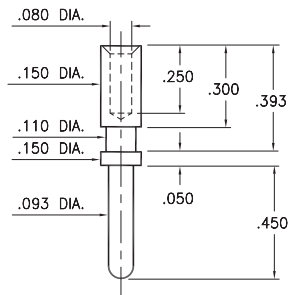
Swage mount in .094 hole  
For a .125 thick board



### 9092

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

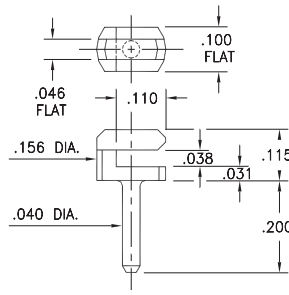
Wire crimp termination up to 14 AWG



### 7310

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

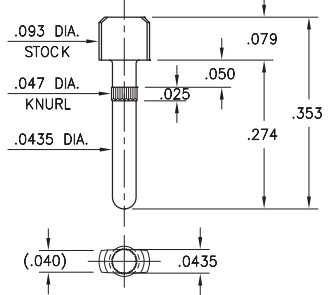
Board edge press-fit



### 5066

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

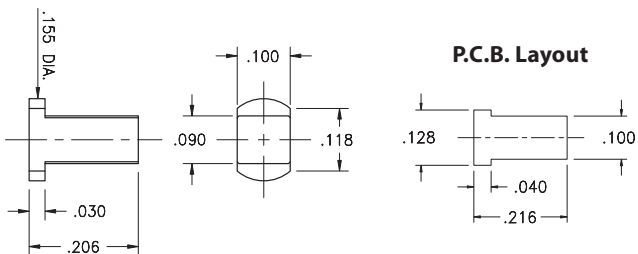
Press-fit in .043 mounting hole



### 7937

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

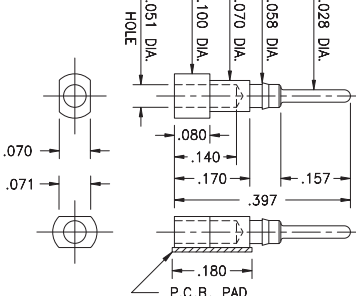
Target contact, horizontal surface mount  
Also available on 16mm wide carrier tape:  
2,400 parts per 13" reel.  
See page 224.3 for Tape & Reel details



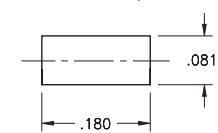
### 1502

1502-0-00-XX-00-00-03-0

Press-fit in .057 mounting hole



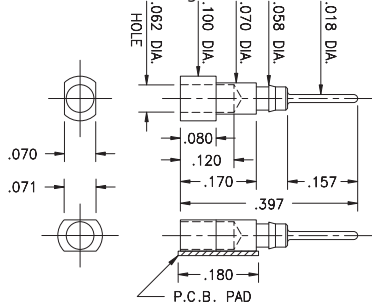
**P.C.B. Layout**



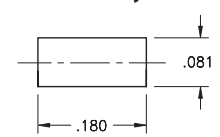
### 5102

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

Press-fit in .057 mounting hole



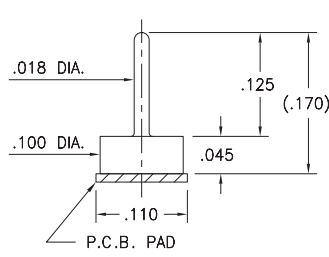
**P.C.B. Layout**



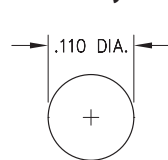
### 1508

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



**P.C.B. Layout**



#### 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
- ◆ 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)



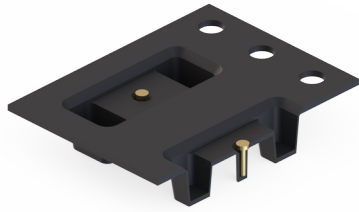
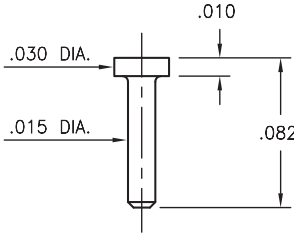
# MALE PCB PINS

## PINS ON TAPE & REEL PACKAGING

### 4825

4825-0-57-XX-00-00-33-0

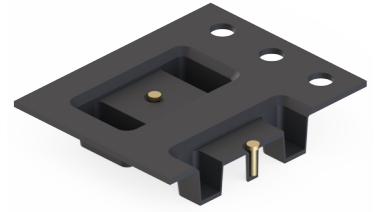
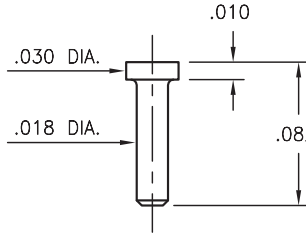
Solder mount in .019 mounting hole  
16mm wide X 8mm pitch carrier tape:  
3,250 parts per 13" reel.



### 4288

4288-0-57-XX-00-00-33-0

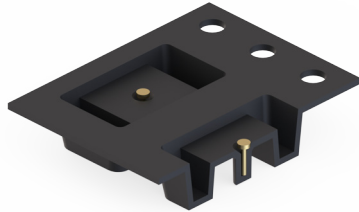
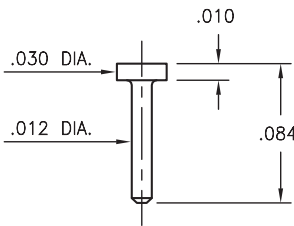
Solder mount in .022 mounting hole  
16mm wide X 8mm pitch carrier tape:  
3,250 parts per 13" reel.



### 4353

4353-0-57-XX-00-00-33-0

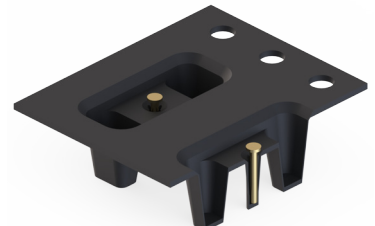
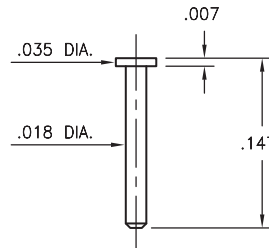
Solder mount in .016 mounting hole  
16mm wide X 8mm pitch carrier tape:  
3,040 parts per 13" reel.



### 4068

4068-0-57-XX-00-00-33-0

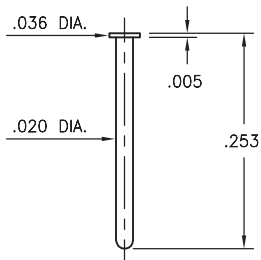
Solder mount in .022 mounting hole  
16mm wide X 8mm pitch carrier tape:  
2,000 parts per 13" reel.



### 6547

6547-0-57-XX-00-00-33-0

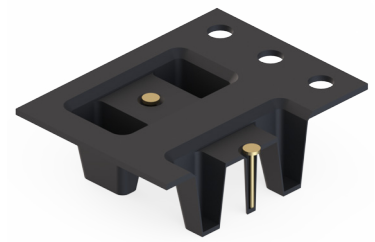
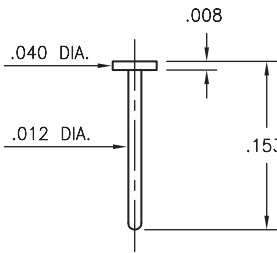
Solder mount in .024 mounting hole  
24mm wide X 8mm pitch carrier tape:  
1,080 parts per 13" reel.



### 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.



#### SPECIFICATIONS:

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

**Dimensions:** Inches

**Tolerances On:** Lengths:  $\pm .005$   
Diameters:  $\pm .002$   
Angles:  $\pm 2^\circ$



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

**BASIC PART #** →

**SPECIFY PIN FINISH:**

- 01 200  $\mu$ " TIN/LEAD OVER NICKEL
- ◆ 80 200  $\mu$ " TIN OVER NICKEL (RoHS)
- ◆ 15 10  $\mu$ " GOLD OVER NICKEL (RoHS)
- ◆ 21 20  $\mu$ " GOLD OVER NICKEL (RoHS)
- ◆ 34 50  $\mu$ " GOLD OVER NICKEL (RoHS)



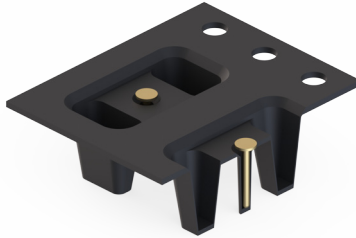
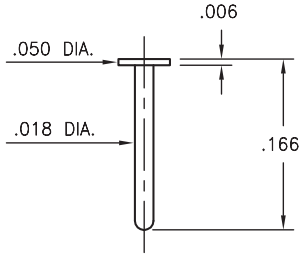
# MALE PCB PINS

## PINS ON TAPE & REEL PACKAGING

### 9113

9113-0-57-XX-00-00-38-0

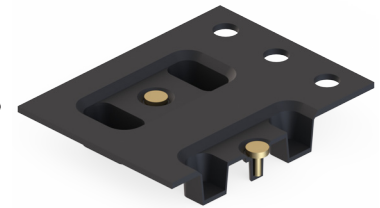
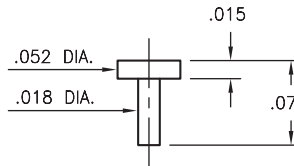
Solder mount in .022 mounting hole  
16mm wide X 8mm pitch carrier tape:  
1,800 parts per 13" reel.



### 4361

4361-0-57-XX-00-00-33-0

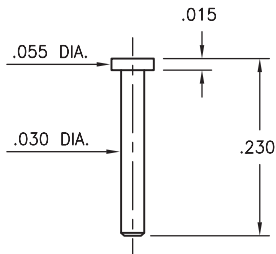
Solder mount in .022 mounting hole  
16mm wide X 8mm pitch carrier tape:  
3,600 parts per 13" reel.



### 4477

4477-0-57-XX-00-00-33-0

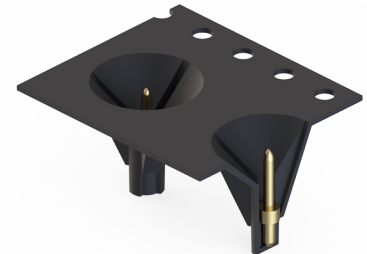
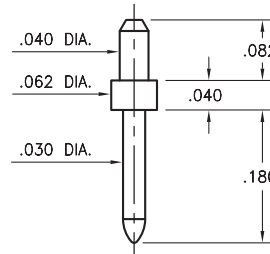
Solder mount in .034 mounting hole  
24mm wide X 8mm pitch carrier tape:  
1,300 parts per 13" reel.



### 3137

3137-1-57-XX-00-00-08-0

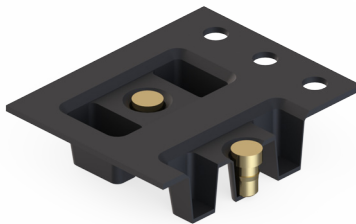
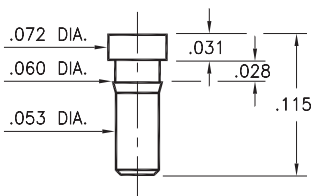
Solder mount in .043 mounting hole  
16mm wide X 12mm pitch carrier tape:  
580 parts per 13" reel.



### 0286

0286-0-57-XX-00-00-03-0

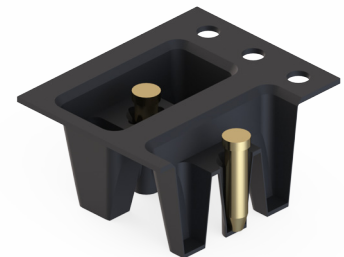
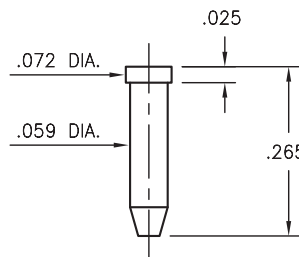
Press-fit in .057 mounting hole  
16mm wide X 8mm pitch carrier tape:  
2,500 parts per 13" reel.



### 9265

9265-0-57-XX-00-00-38-0

Solder mount in .063 mounting hole  
16mm wide X 8mm pitch carrier tape:  
1,170 parts per 13" reel.



#### SPECIFICATIONS:

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

**Dimensions:** Inches

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



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

BASIC PART #

SPECIFY PIN FINISH:

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



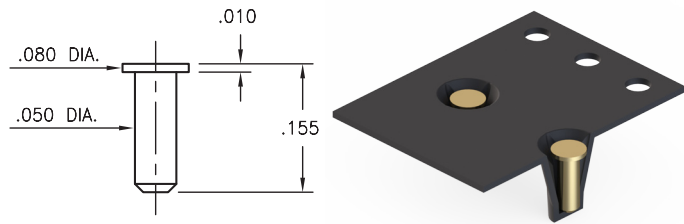
# MALE PCB PINS

## PINS ON TAPE & REEL PACKAGING

### 2381

2381-0-57-XX-00-00-33-0

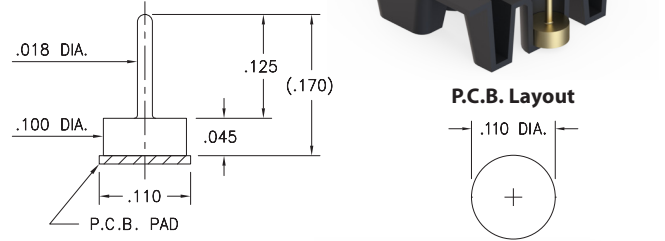
Solder mount in .054 mounting hole  
16mm wide X 8mm pitch carrier tape:  
1,800 parts per 13" reel.



### 1508

1508-0-57-15-00-00-03-0

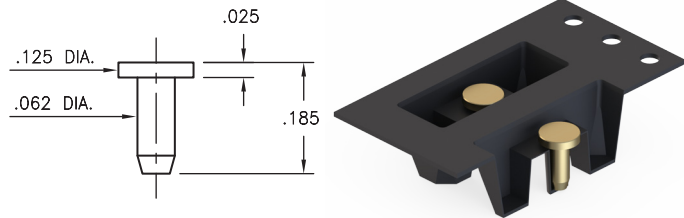
Test point, surface mount  
16mm wide X 8mm pitch carrier tape:  
1,600 parts per 13" reel.



### 9022

9022-0-57-XX-00-00-33-0

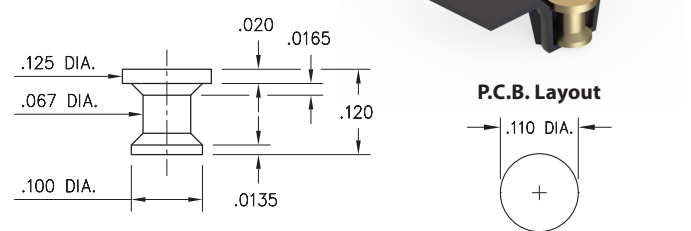
Solder mount in .066 mounting hole  
24mm wide X 8mm pitch carrier tape:  
1,500 parts per 13" reel.



### 1944

1944-0-57-15-00-00-03-0

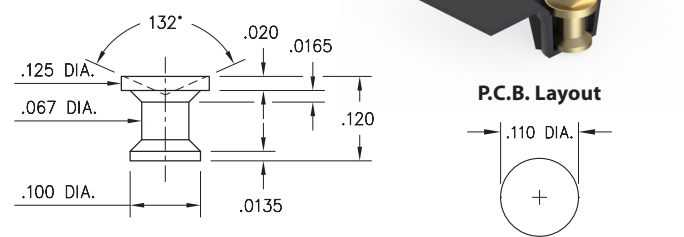
Flat face Target contact, surface mount  
16mm wide X 8mm pitch carrier tape:  
2,200 parts per 13" reel.



### 1943

1943-0-57-15-00-00-03-0

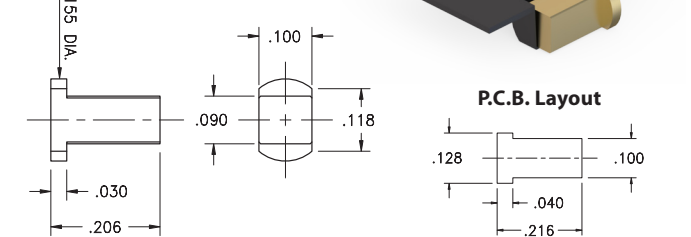
Concave face Target contact, surface mount  
16mm wide X 8mm pitch carrier tape:  
2,200 parts per 13" reel.



### 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.



#### SPECIFICATIONS:

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

**Dimensions:** Inches

**Tolerances On:** Lengths:  $\pm .005$   
Diameters:  $\pm .002$   
Angles:  $\pm 2^\circ$



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

**BASIC PART #**

**SPECIFY PIN FINISH:**

- 01 200  $\mu$ " TIN/LEAD OVER NICKEL
- ◆ 80 200  $\mu$ " TIN OVER NICKEL (RoHS)
- ◆ 15 10  $\mu$ " GOLD OVER NICKEL (RoHS)
- ◆ 21 20  $\mu$ " GOLD OVER NICKEL (RoHS)
- ◆ 34 50  $\mu$ " GOLD OVER NICKEL (RoHS)



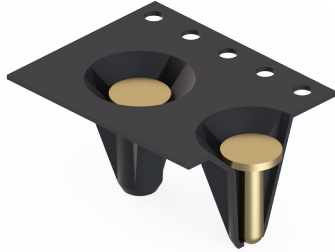
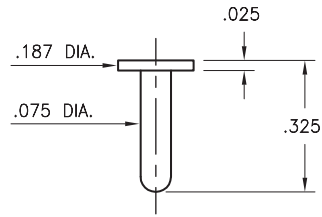
# MALE PCB PINS

## PINS ON TAPE & REEL PACKAGING

### 8086

8086-0-57-XX-00-00-33-0

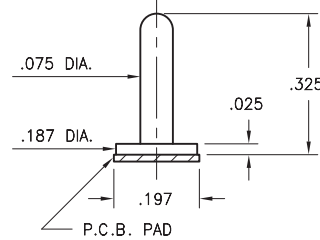
Solder mount in .079 mounting hole  
12mm wide X 8mm pitch carrier tape:  
550 parts per 13" reel.



### 8086

8086-0-59-XX-00-00-33-0

Surface mount  
16mm wide X 8mm pitch carrier tape:  
330 parts per 13" reel.



#### SPECIFICATIONS:

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

**Dimensions:** Inches

**Tolerances On:** Lengths:  $\pm .005$   
Diameters:  $\pm .002$   
Angles:  $\pm 2^\circ$



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

BASIC PART #

SPECIFY PIN FINISH:

- 01 200  $\mu$ " TIN/LEAD OVER NICKEL
- ◆ 80 200  $\mu$ " TIN OVER NICKEL (RoHS)
- ◆ 15 10  $\mu$ " GOLD OVER NICKEL (RoHS)
- ◆ 21 20  $\mu$ " GOLD OVER NICKEL (RoHS)
- ◆ 34 50  $\mu$ " GOLD OVER NICKEL (RoHS)





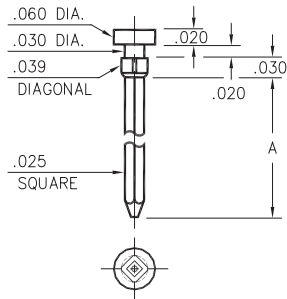
# MALE PCB PINS

## WRAPOST TERMINALS

### 5275

5275-X-05-XX-00-00-01-0

Square press-fit in .035 plated through-hole

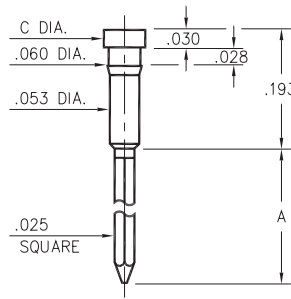


Basic Part Number	# of Wraps	Length A
5275-1	1	.370
5275-2	2	.470
5275-3	3	.610

### 1010 ⇔ 1012/1020 ⇔ 1022

10XX-X-05-XX-00-00-01-0

Press-fit in .057 mounting hole

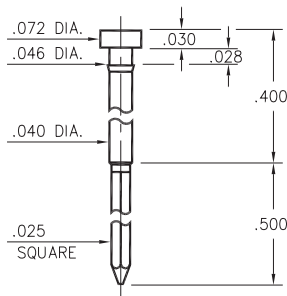


Basic Part Number	# of Wraps	Wrappost Length A	Head Dia. C
1012-1	1	.260	.072
1011-2	2	.360	
1010-3	3	.500	
1022-1	1	.260	.062
1021-2	2	.360	
1020-3	3	.500	

### 1215

1215-3-05-XX-00-00-01-0

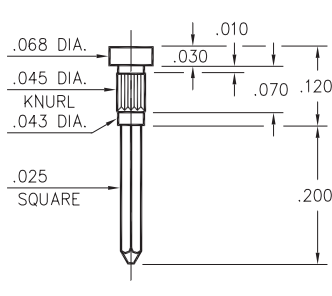
Press-fit in .043 mounting hole



### 1124

1124-0-05-XX-00-00-01-0

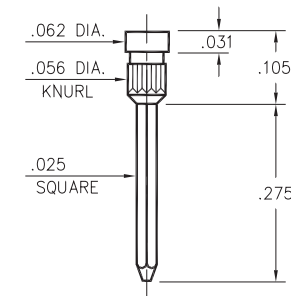
Press-fit in .043 mounting hole



### 1210

1210-0-05-XX-00-00-01-0

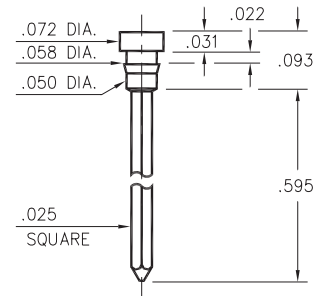
Press-fit in .053 mounting hole



### 1222

1222-0-05-XX-00-00-01-0

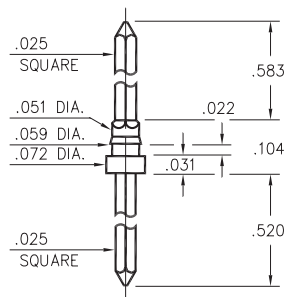
Press-fit in .055 mounting hole



### 1221

1221-0-05-XX-00-00-01-0

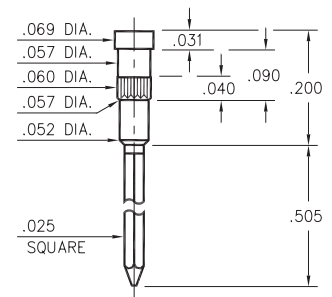
Press-fit in .056 mounting hole



### 1110

1110-3-05-XX-00-00-01-0

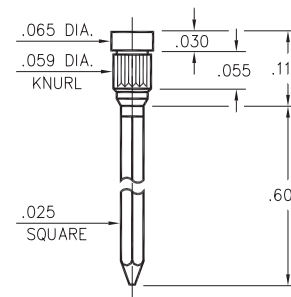
Press-fit in .057 mounting hole



### 1094

1094-0-05-XX-00-00-01-0

Press-fit in .056 mounting hole



#### SPECIFICATIONS:

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

**Dimensions:** Inches

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



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

BASIC PART #

SPECIFY PIN FINISH:

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



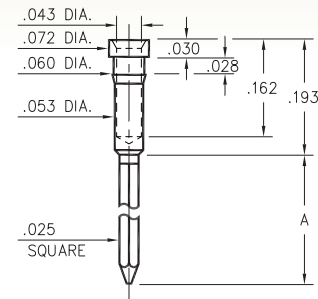
# MALE PCB PINS

## WRAPOST TERMINALS

### 1030 → 1032

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

Press-fit in .057 mounting hole

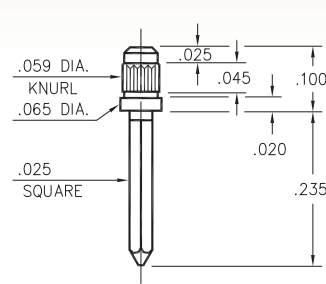


Basic Part Number	# of Wraps	Length A
1032-1	1	.260
1031-2	2	.360
1030-3	3	.500

### 1216

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

Press-fit in .056 mounting hole

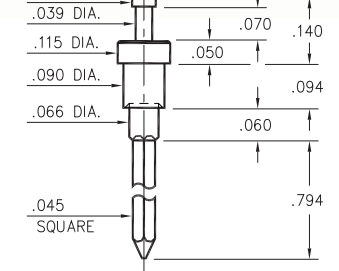


### 1095

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

Swage mount in .094 hole

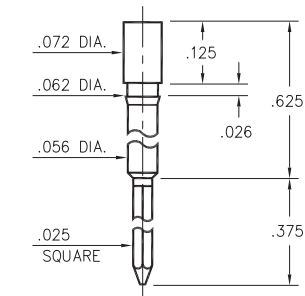
For a .062 thick board



### 1214

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

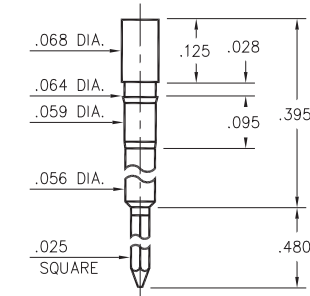
Press-fit in .059 mounting hole



### 1212

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

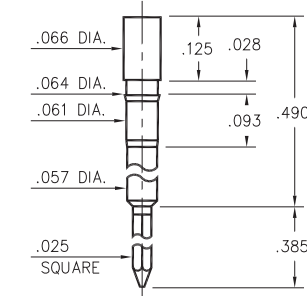
Press-fit in .061 mounting hole



### 1213

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

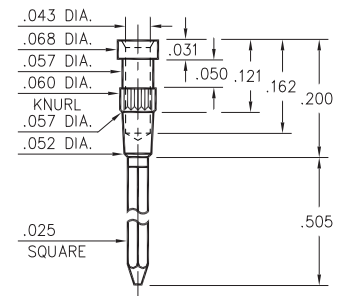
Press-fit in .061 mounting hole



### 0318

0318-3-05-XX-00-00-01-0

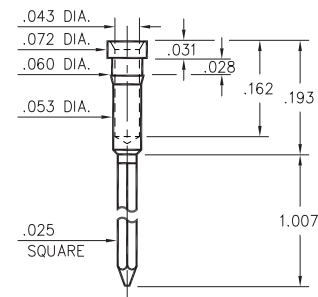
Press-fit in .057 mounting hole



### 1302

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

Press-fit in .057 mounting hole

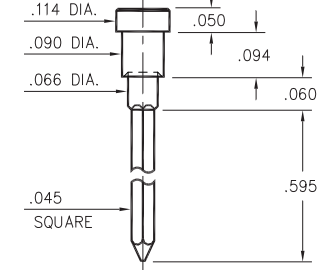


### 1097

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

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

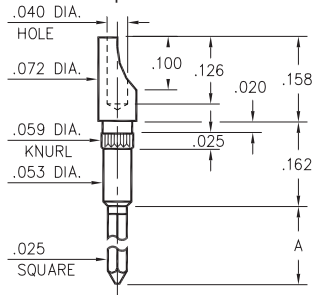
## WRAPOST TERMINALS

### 8301

**8301-X-24-XX-00-00-01-0**

Press-fit in .057 mounting hole

For wire sizes up to 22 AWG

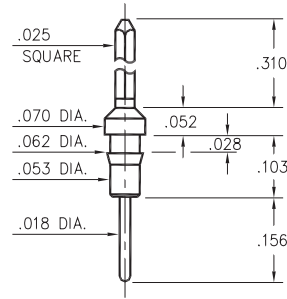


Basic Part Number	# of Wraps	Length A
<b>8301-2</b>	2	.370
<b>8301-3</b>	3	.510

### 1083

**1083-0-05-XX-00-00-01-0**

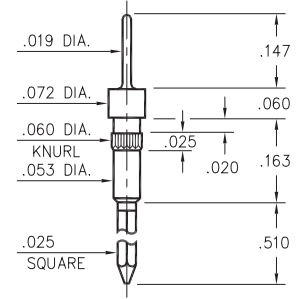
Press-fit in .059 mounting hole



### 5301

**5301-0-05-XX-00-00-01-0**

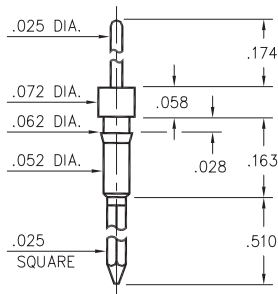
Press-fit in .057 mounting hole



### 1090

**1090-0-05-XX-00-00-01-0**

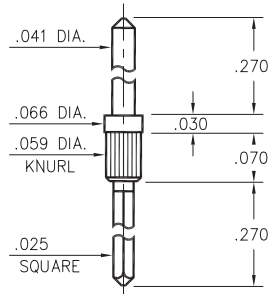
Press-fit in .059 mounting hole



### 8608

**8608-0-05-XX-00-00-01-0**

Press-fit in .056 mounting hole



#### SPECIFICATIONS:

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

**Dimensions:** Inches

**Tolerances On:** Lengths:  $\pm .005$   
Diameters:  $\pm .002$   
Angles:  $\pm 2^\circ$



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

BASIC PART #

SPECIFY PIN FINISH:

- 01 200  $\mu$ " TIN/LEAD OVER NICKEL
- ◆ 80 200  $\mu$ " TIN OVER NICKEL (RoHS)
- ◆ 15 10  $\mu$ " GOLD OVER NICKEL (RoHS)
- ◆ 21 20  $\mu$ " GOLD OVER NICKEL (RoHS)



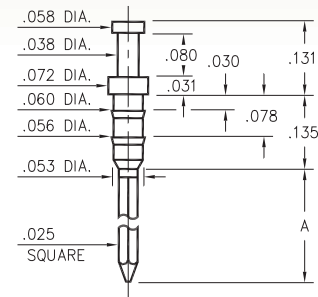
# MALE PCB PINS

## WRAPOST TERMINALS

### 1096

1096-X-05-XX-00-00-01-0

Press-fit in .057 mounting hole

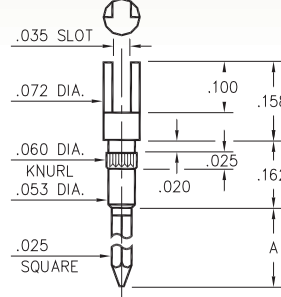


Basic Part Number	# of Wraps	Length A
1096-2	2	.381
1096-3	3	.527

### 1106

1106-X-23-XX-00-00-01-0

Press-fit in .057 mounting hole

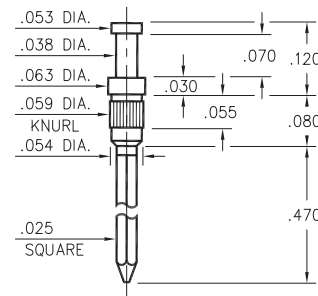


Basic Part Number	# of Wraps	Length A
1106-2	2	.370
1106-3	3	.510

### 1093

1093-0-05-XX-00-00-01-0

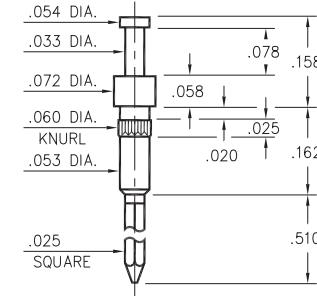
Press-fit in .056 mounting hole



### 0730

0730-3-05-XX-00-00-01-0

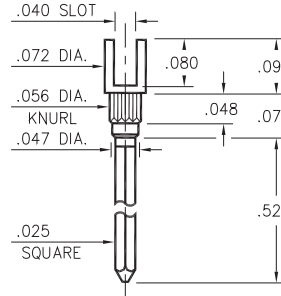
Press-fit in .057 mounting hole



### 1122

1122-0-22-XX-00-00-01-0

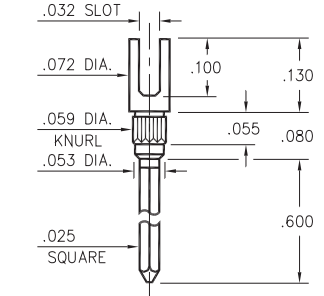
Press-fit in .053 mounting hole



### 1064

1064-0-23-XX-00-00-01-0

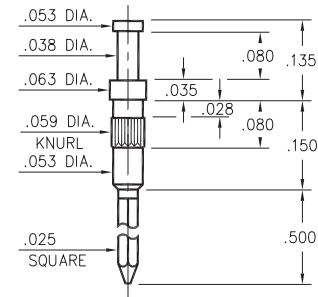
Press-fit in .056 mounting hole



### 1092

1092-0-05-XX-00-00-01-0

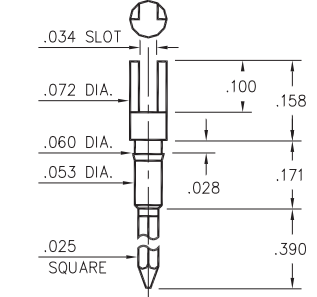
Press-fit in .056 mounting hole



### 1068

1068-0-23-XX-00-00-01-0

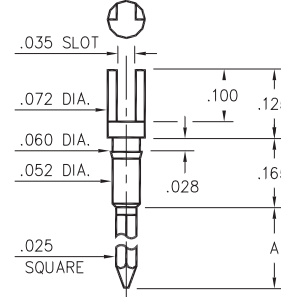
Press-fit in .057 mounting hole



### 1070 ⇌ 1072

107X-X-23-XX-00-00-01-0

Press-fit in .057 mounting hole



Basic Part Number	# of Wraps	Length A
1072-1	1	.260
1071-2	2	.370
1070-3	3	.510

#### 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)



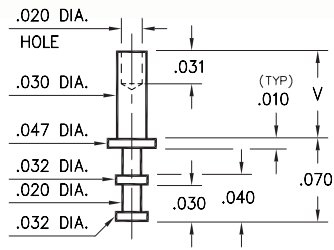
# MALE PCB PINS

## SOLDER TERMINAL TURRETS

### 2111

2111-X-00-XX-00-00-07-0

Swage mount in .033 hole

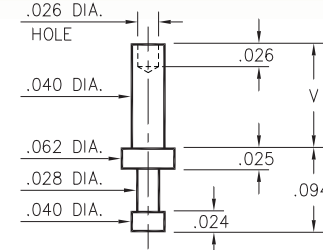


Basic Part Number	Board Thickness	Length V
2111-1	.031	.053
2111-2	.062	.084
2111-3	.094	.115

### 2113

2113-X-00-XX-00-00-07-0

Swage mount in .043 hole

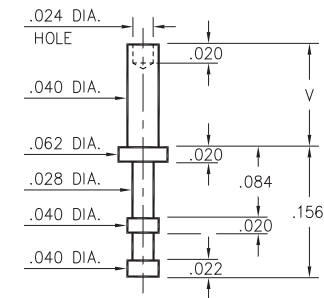


Basic Part Number	Board Thickness	Length V
2113-1	.031	.053
2113-2	.062	.084
2113-3	.094	.115
2113-4	.125	.147

### 2108

2108-X-00-XX-00-00-07-0

Swage mount in .043 hole

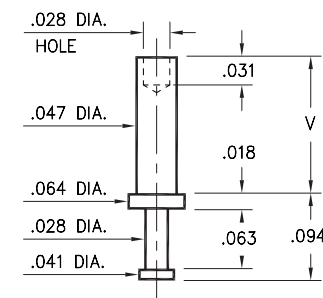


Basic Part Number	Board Thickness	Length V
2108-1	.031	.053
2108-2	.062	.084
2108-3	.094	.115
2108-4	.125	.147

### 2102

2102-X-00-XX-00-00-07-0

Swage mount in .052 hole

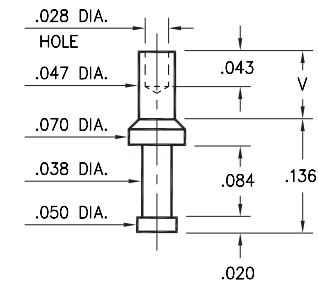


Basic Part Number	Board Thickness	Length V
2102-5	.016	.035
2102-1	.031	.054
2102-2	.062	.084
2102-3	.094	.115
2102-4	.125	.147

### 2109

2109-X-00-XX-00-00-07-0

Swage mount in .052 hole

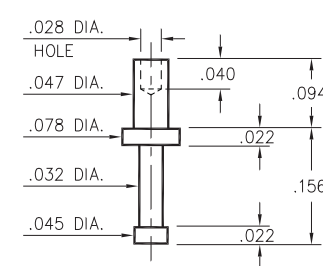


Basic Part Number	Board Thickness	Length V
2109-1	.031	.052
2109-2	.062	.085

### 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

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)



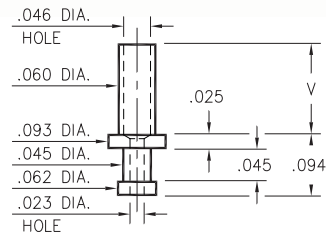
# MALE PCB PINS

## SOLDER TERMINAL TURRETS

### 2312

2312-X-00-XX-00-00-07-0

Swage mount in .064 hole

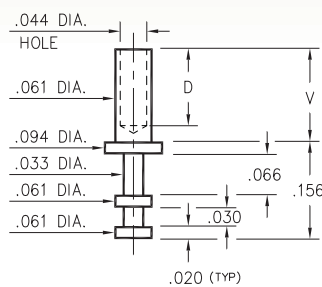


Basic Part Number	Board Thickness	Length V
2312-1	.031	.053
2312-2	.062	.094
2312-3	.094	.115
2312-4	.125	.147

### 2308

2308-X-00-XX-00-00-07-0

Swage mount in .064 hole

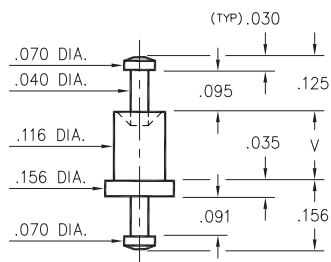


Basic Part Number	Board Thickness	Length V	Depth D
2308-1	.031	.054	.036
2308-2	.062	.084	.066
2308-3	.094	.115	.096
2308-4	.125	.147	.126

### 2707

2707-X-00-XX-00-00-07-0

Swage mount in .120 hole

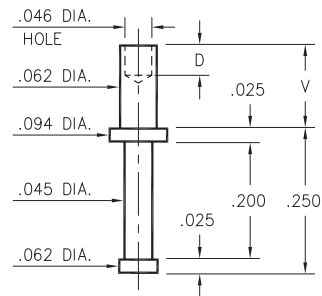


Basic Part Number	Board Thickness	Length V
2707-1	.031	.062
2707-2	.062	.094
2707-3	.094	.125
2707-4	.125	.156

### 2329

2329-X-00-XX-00-00-07-0

Swage mount in .067 hole

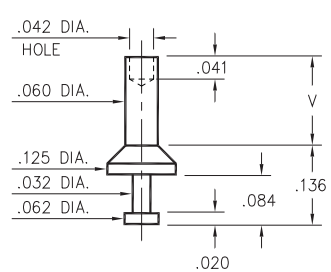


Basic Part Number	Board Thickness	Length V	Depth D
2329-1	.031	.045	.045
2329-2	.062	.094	.062
2329-3	.094	.125	.062
2329-4	.125	.156	.062

### 2510

2510-X-00-XX-00-00-07-0

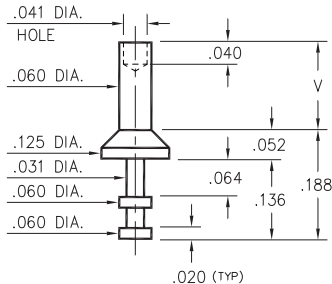
Swage mount in .064 hole



### 2513

2513-X-00-XX-00-00-07-0

Swage mount in .064 hole



Basic Part Number	Board Thickness	Length V
251X-1	.031	.062
251X-2	.062	.094
251X-3	.094	.125
251X-4	.125	.156

#### SPECIFICATIONS:

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

**Dimensions:** Inches

**Tolerances On:** Lengths:  $\pm .005$   
Diameters:  $\pm .002$   
Angles:  $\pm 2^\circ$



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

BASIC PART #

SPECIFY PIN FINISH:

- 01 200  $\mu$ " TIN/LEAD OVER NICKEL
- ◆ 80 200  $\mu$ " TIN OVER NICKEL (RoHS)
- ◆ 44 300  $\mu$ " SILVER OVER COPPER (RoHS)
- 50 300  $\mu$ " ELECTRO-SOLDER (60/40 SnPb)



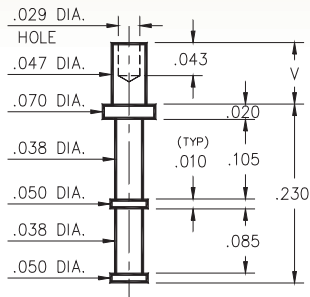
# MALE PCB PINS

## SOLDER TERMINAL TURRETS

### 2110

2110-X-00-XX-00-00-07-0

Swage mount in .052 hole

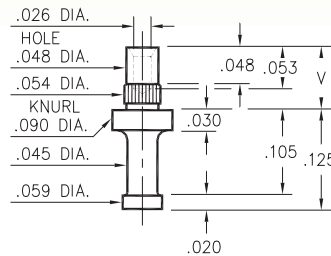


Basic Part Number	Board Thickness	Length V
2110-1	.031	.049
2110-2	.062	.082

### 2333

2333-X-00-XX-00-00-07-0

Press-fit & swage in .052 mounting hole

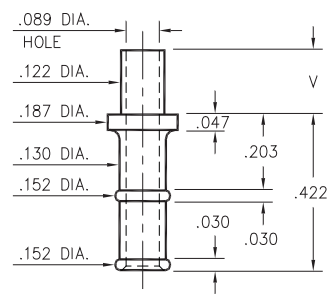


Basic Part Number	Board Thickness	Length V
2333-1	.078	.103
2333-2	.062	.087
2333-3	.047	.072

### 2821

2821-X-00-XX-00-00-07-0

Swage mount in .125 hole

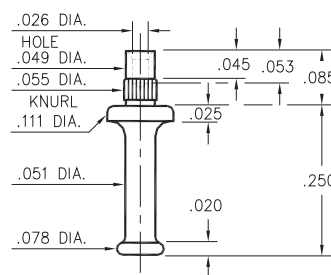


Basic Part Number	Board Thickness	Length V
2821-2	.062	.109
2821-3	.094	.141
2821-4	.125	.172

### 2533

2533-0-00-XX-00-00-07-0

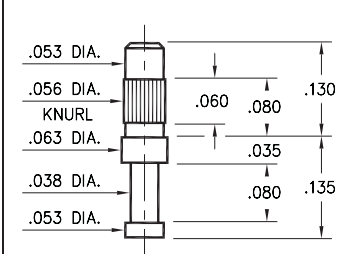
Press-fit & swage in .052 mounting hole  
For a .062 thick board



### 2101

2101-3-00-XX-00-00-07-0

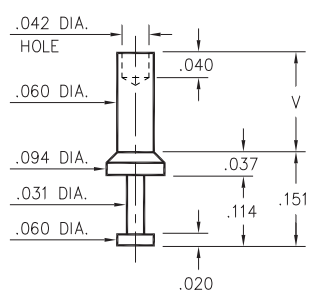
Press-fit in .053 mounting hole  
For a .062 to .094 thick board



### 2316

2316-X-00-XX-00-00-07-0

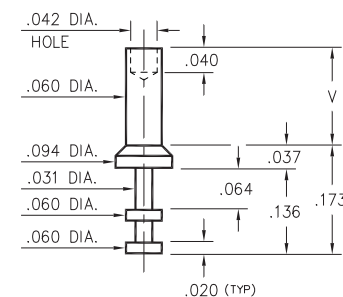
Swage mount in .064 hole



### 2317

2317-X-00-XX-00-00-07-0

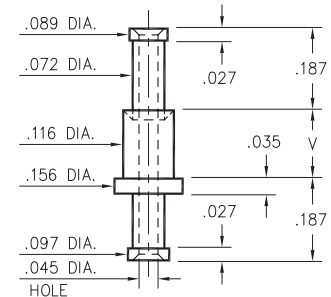
Swage mount in .064 hole



### 2708

2708-X-00-XX-00-00-07-0

Swage mount in .120 hole



Basic Part Number	Board Thickness	Length V
2XXX-1	.031	.062
2XXX-2	.062	.094
2XXX-3	.094	.125
2XXX-4	.125	.156

#### 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)



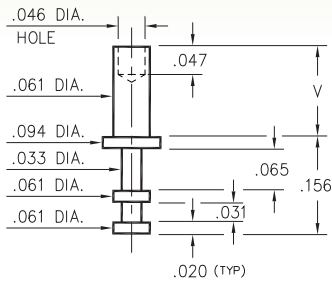
# MALE PCB PINS

## SOLDER TERMINAL TURRETS

### 2348

2348-X-00-XX-00-00-07-0

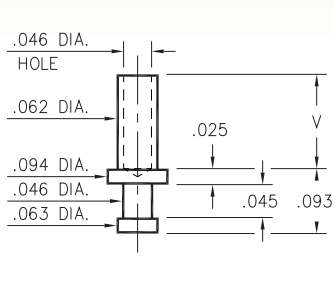
Swage mount in .064 hole



### 2301

2301-X-00-XX-00-00-07-0

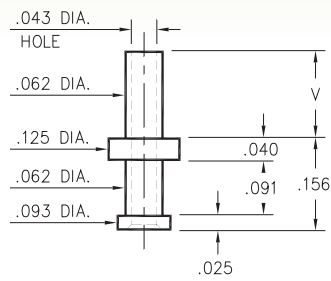
Swage mount in .067 hole



### 2506

2506-X-00-XX-00-00-07-0

Swage mount in .067 hole

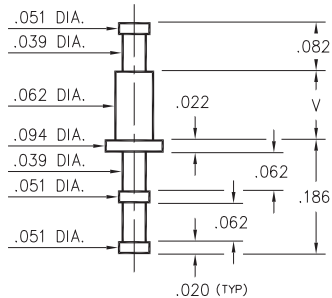


Basic Part Number	Board Thickness	Length V
2XXX-1	.031	.053
2XXX-2	.062	.084
2XXX-3	.094	.115
2XXX-4	.125	.147

### 2310

2310-X-00-XX-00-00-07-0

Swage mount in .067 hole

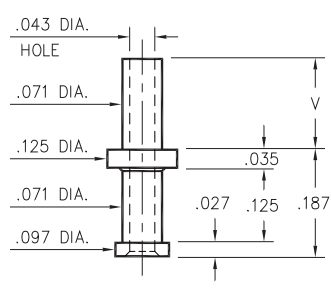


Basic Part Number	Board Thickness	Length V
2310-1	.031	.053
2310-2	.062	.082
2310-3	.094	.113
2310-4	.125	.145

### 2505

2505-X-00-XX-00-00-07-0

Swage mount in .076 hole

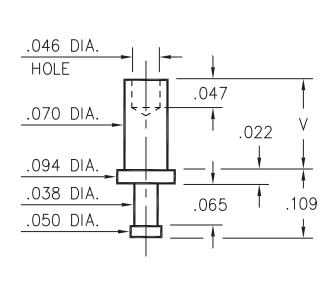


Basic Part Number	Board Thickness	Length V
2505-1	.031	.062
2505-2	.062	.093
2505-3	.094	.125
2505-4	.125	.156

### 2325

2325-X-00-XX-00-00-07-0

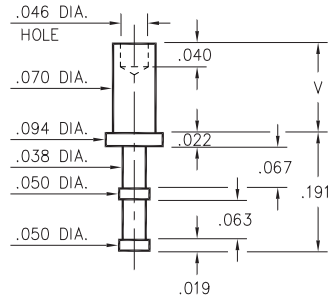
Swage mount in .073 hole



### 2355

2355-X-00-XX-00-00-07-0

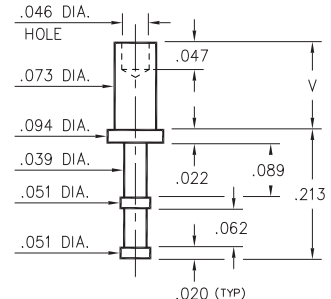
Swage mount in .073 hole



### 2365

2365-X-00-XX-00-00-07-0

Swage mount in .076 hole



Basic Part Number	Board Thickness	Length V
23X5-1	.031	.053
23X5-2	.062	.084
23X5-3	.094	.115
23X5-4	.125	.147

#### 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

### 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

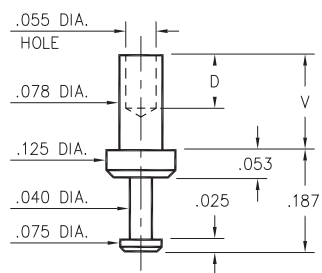


Basic Part Number	Board Thickness	Length V
230X-1	.031	.051
230X-2	.062	.082
230X-3	.094	.113
230X-4	.125	.145

### 2503

2503-X-00-XX-00-00-07-0

Swage mount in .082 hole

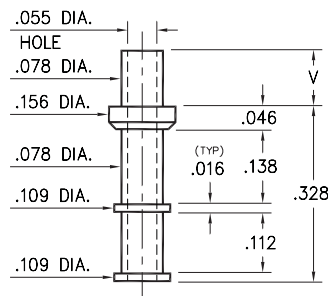


Basic Part Number	Board Thickness	Length V	Depth D
2503-1	.031	.078	.068
2503-2	.062	.109	.098
2503-3	.094	.141	.098
2503-4	.125	.172	.098

### 2704

2704-X-00-XX-00-00-07-0

Swage mount in .082 hole



Basic Part Number	Board Thickness	Length V
2704-1	.031	.075
2704-2	.062	.105
2704-3	.094	.135
2704-4	.125	.165

### 2306

2306-X-00-XX-00-00-07-0

Swage mount in .076 hole



### 2307

2307-X-00-XX-00-00-07-0

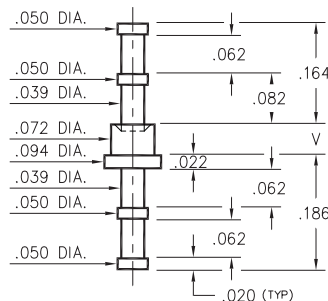
Swage mount in .076 hole



### 2311

2311-X-00-XX-00-00-07-0

Swage mount in .076 hole



Basic Part Number	Board Thickness	Length V
23XX-1	.031	.051
23XX-2	.062	.082
23XX-3	.094	.113
23XX-4	.125	.145

#### 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)



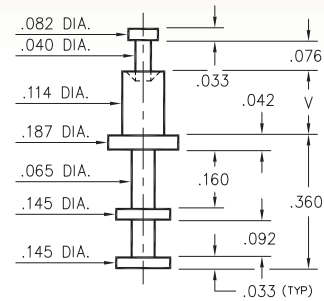
# MALE PCB PINS

## SOLDER TERMINAL TURRETS

### 2810

2810-X-00-XX-00-00-07-0

Swage mount in .118 hole

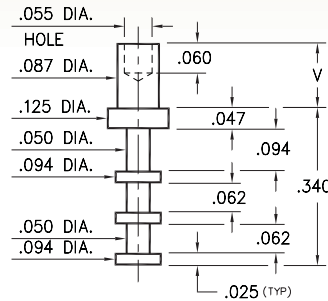


Basic Part Number	Board Thickness	Length V
2810-2	.062	.105
2810-3	.094	.135
2810-4	.125	.165

### 2524

2524-X-00-XX-00-00-07-0

Swage mount in .092 hole

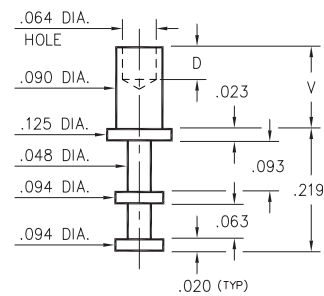


Basic Part Number	Board Thickness	Length V
2524-1	.031	.075
2524-2	.062	.105
2524-3	.094	.135
2524-4	.125	.165

### 2561

2561-X-00-XX-00-00-07-0

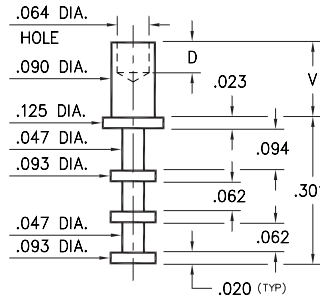
Swage mount in .094 hole



### 2508

2508-X-00-XX-00-00-07-0

Swage mount in .094 hole

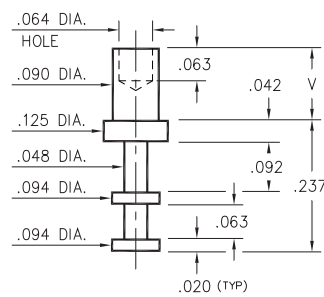


Basic Part Number	Board Thickness	Length V	Depth D
25XX-1	.031	.063	.047
25XX-2	.062	.094	.062
25XX-3	.094	.125	.062
25XX-4	.125	.156	.062

### 2551

2551-X-00-XX-00-00-07-0

Swage mount in .094 hole

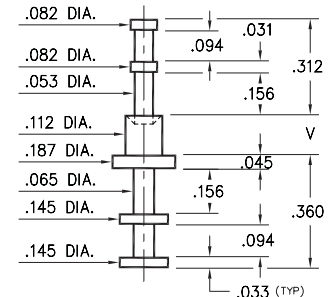


Basic Part Number	Board Thickness	Length V
2551-1	.031	.075
2551-2	.062	.105
2551-3	.094	.135
2551-4	.125	.165

### 2812

2812-X-00-XX-00-00-07-0

Swage mount in .116 hole



Basic Part Number	Board Thickness	Length V
2812-1	.062	.105
2812-2	.094	.135
2812-3	.125	.165
2812-4	.188	.230

#### 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)



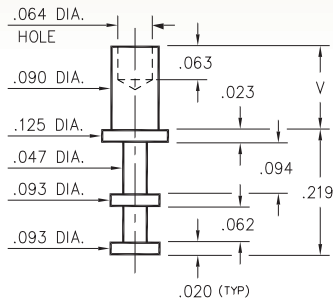
# MALE PCB PINS

## SOLDER TERMINAL TURRETS

### 2501

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

Swage mount in .094 hole

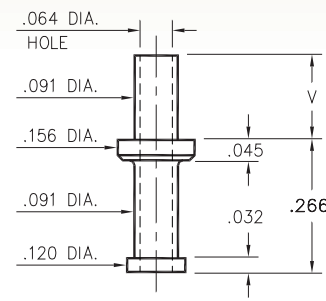


Basic Part Number	Board Thickness	Length V
2501-1	.031	.078
2501-2	.062	.109
2501-3	.094	.140
2501-4	.125	.171

### 2703

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

Swage mount in .094 hole

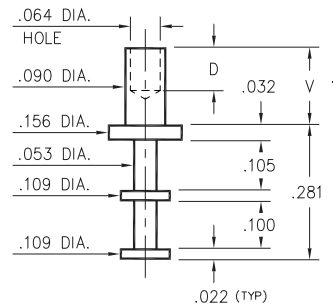


Basic Part Number	Board Thickness	Length V
2703-1	.031	.077
2703-2	.062	.107
2703-3	.094	.137
2703-4	.125	.167

### 2702

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

Swage mount in .094 hole

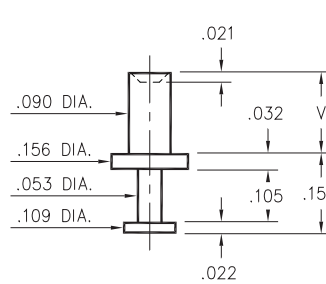


Basic Part Number	Board Thickness	Length V	Depth D
2702-1	.031	.075	.063
2702-2	.062	.105	.093
2702-3	.094	.135	.093
2702-4	.125	.165	.093

### 2710

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

Swage mount in .094 hole

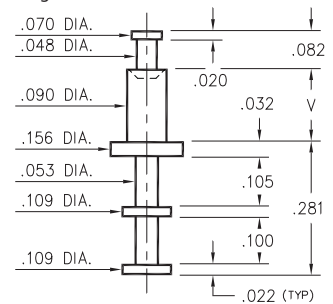


Basic Part Number	Board Thickness	Length V
2710-1	.031	.062
2710-2	.062	.094
2710-3	.094	.125
2710-4	.125	.156

### 2717

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

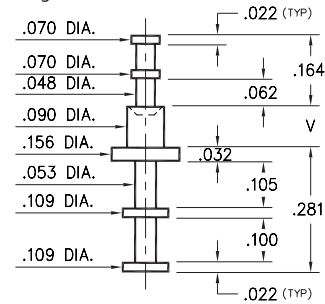
Swage mount in .094 hole



### 2713

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

Swage mount in .094 hole



Basic Part Number	Board Thickness	Length V
271X-1	.031	.062
271X-2	.062	.094
271X-3	.094	.125
271X-4	.125	.156

#### 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)



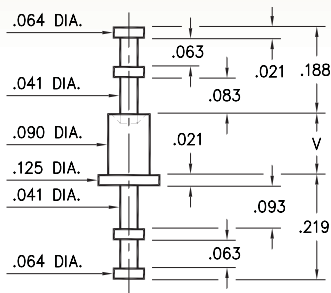
# MALE PCB PINS

## SOLDER TERMINAL TURRETS

### 2512

2512-X-00-XX-00-00-07-0

Swage mount in .094 hole

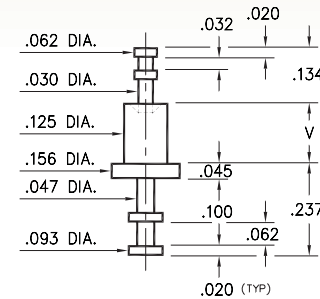


Basic Part Number	Board Thickness	Length V
<b>2512-1</b>	.031	.062
<b>2512-2</b>	.062	.094
<b>2512-3</b>	.094	.125
<b>2512-4</b>	.125	.156

### 2705

2705-X-00-XX-00-00-07-0

Swage mount in .129 hole

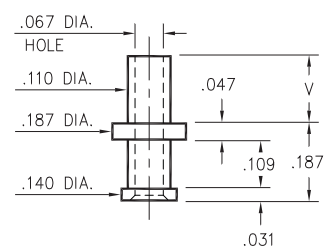


Basic Part Number	Board Thickness	Length V
<b>2705-1</b>	.031	.075
<b>2705-2</b>	.062	.105
<b>2705-3</b>	.094	.135
<b>2705-4</b>	.125	.165

### 2803

2803-X-00-XX-00-00-07-0

Swage mount in .113 hole

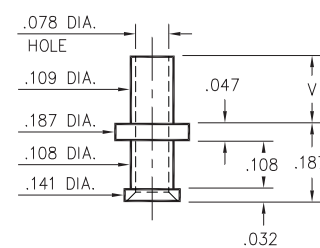


Basic Part Number	Board Thickness	Length V
<b>2803-1</b>	.031	.078
<b>2803-2</b>	.062	.109
<b>2803-3</b>	.094	.140
<b>2803-4</b>	.125	.171

### 2815

2815-X-00-XX-00-00-07-0

Swage mount in .113 hole

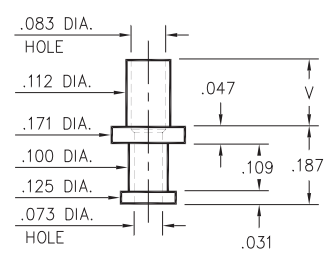


Basic Part Number	Board Thickness	Length V
<b>2815-1</b>	.031	.075
<b>2815-2</b>	.062	.105
<b>2815-3</b>	.094	.135
<b>2815-4</b>	.125	.165

### 2816

2816-X-00-XX-00-00-07-0

Swage mount in .116 hole

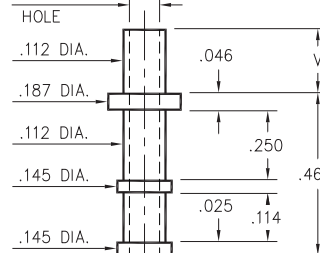


Basic Part Number	Board Thickness	Length V
<b>2816-1</b>	.031	.078
<b>2816-2</b>	.062	.109
<b>2816-3</b>	.094	.141
<b>2816-4</b>	.125	.172

### 2817

2817-X-00-XX-00-00-07-0

Swage mount in .116 hole



Basic Part Number	Board Thickness	Length V
<b>2817-1</b>	.031	.075
<b>2817-2</b>	.062	.105
<b>2817-3</b>	.094	.135
<b>2817-4</b>	.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)



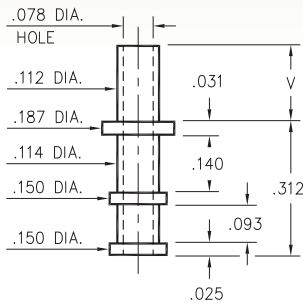
# MALE PCB PINS

## SOLDER TERMINAL TURRETS

### 2802

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

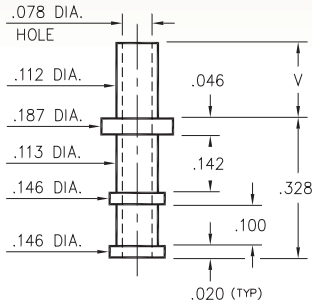
Swage mount in .118 hole



### 2804

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

Swage mount in .118 hole

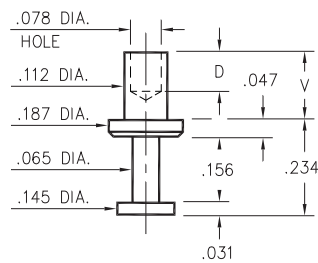


Basic Part Number	Board Thickness	Length V
280X-1	.031	.078
280X-2	.062	.109
280X-3	.094	.140
280X-4	.125	.171

### 2805

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

Swage mount in .116 hole

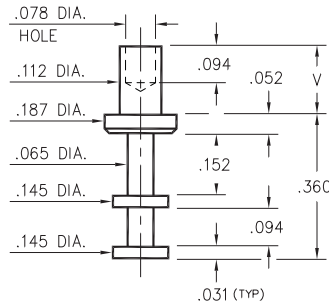


Basic Part Number	Board Thickness	Length V	Depth D
2805-1	.031	.074	.068
2805-2	.062	.105	.098
2805-3	.094	.135	.098
2805-4	.125	.165	.098

### 2801

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

Swage mount in .116 hole

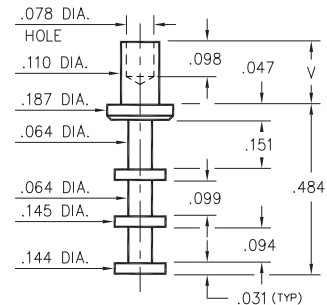


Basic Part Number	Board Thickness	Length V
2801-1	.031	.078
2801-2	.062	.109
2801-3	.094	.141
2801-4	.125	.172
2801-5	.188	.234

### 2806

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

Swage mount in .116 hole

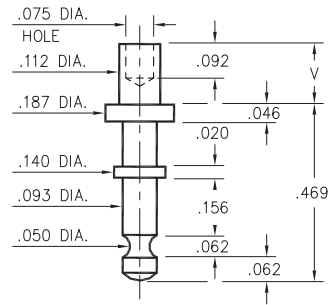


Basic Part Number	Board Thickness	Length V
2806-1	.031	.078
2806-2	.062	.109
2806-3	.094	.141
2806-4	.125	.172

### 2811

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

Swage mount in .116 hole



Basic Part Number	Board Thickness	Length V
2811-1	.031	.075
2811-2	.062	.105
2811-3	.094	.135
2811-4	.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)



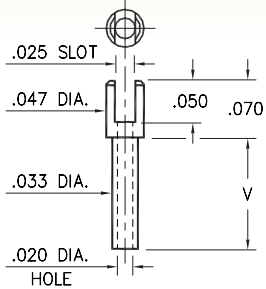
# MALE PCB PINS

## SOLDER TERMINALS SLOTTED

### 2104

2104-X-01-XX-00-00-07-0

Swage mount in .036 hole

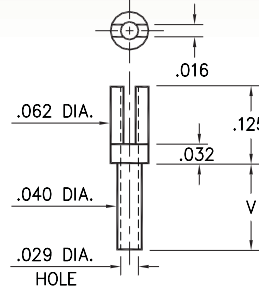


Basic Part Number	Board Thickness	Length V
2104-1	.031	.055
2104-2	.062	.086
2104-3	.094	.117
2104-4	.125	.148

### 2112

2112-X-01-XX-00-00-07-0

Swage mount in .043 hole

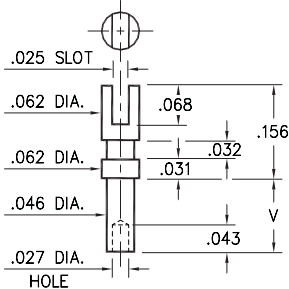


Basic Part Number	Board Thickness	Length V
2112-5	.016	.037
2112-1	.031	.053
2112-2	.062	.084
2112-3	.094	.115
2112-4	.125	.147

### 2105

2105-X-01-XX-00-00-07-0

Swage mount in .052 hole

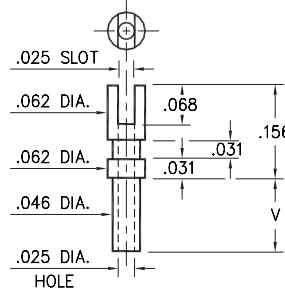


Basic Part Number	Board Thickness	Length V
2105-1	.031	.055
2105-2	.062	.086
2105-3	.094	.117
2105-4	.125	.149

### 2103

2103-X-01-XX-00-00-07-0

Swage mount in .052 hole

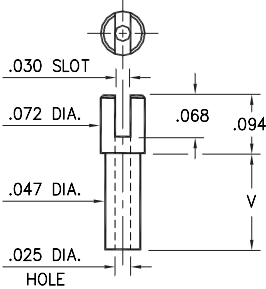


Basic Part Number	Board Thickness	Length V
2103-1	.031	.055
2103-2	.062	.086
2103-3	.094	.117
2103-4	.125	.149

### 2106

2106-X-01-XX-00-00-07-0

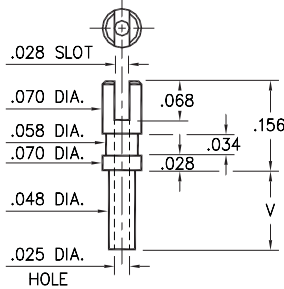
Swage mount in .052 hole



### 2107

2107-X-01-XX-00-00-07-0

Swage mount in .052 hole



Basic Part Number	Board Thickness	Length V
210X-1	.031	.051
210X-2	.062	.082
210X-3	.094	.113
210X-4	.125	.145

#### SPECIFICATIONS:

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

**Dimensions:** Inches

**Tolerances On:** Lengths:  $\pm .005$   
Diameters:  $\pm .002$   
Angles:  $\pm 2^\circ$



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

BASIC PART #

SPECIFY PIN FINISH:

- 01 200  $\mu$ " TIN/LEAD OVER NICKEL
- ◆ 80 200  $\mu$ " TIN OVER NICKEL (RoHS)
- ◆ 44 300  $\mu$ " SILVER OVER COPPER (RoHS)
- 50 300  $\mu$ " ELECTRO-SOLDER  
(60/40 SnPb)



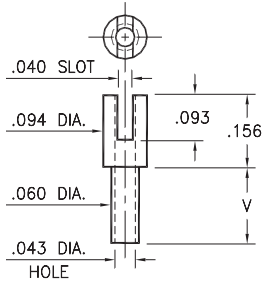
# MALE PCB PINS

## SOLDER TERMINALS SLOTTED

### 2303

2303-X-01-XX-00-00-07-0

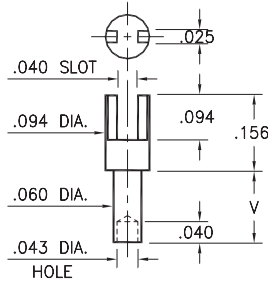
Swage mount in .064 hole



### 2323

2323-X-01-XX-00-00-07-0

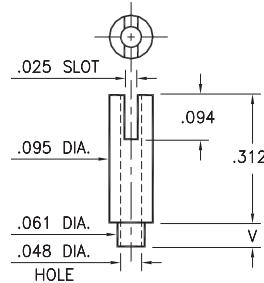
Swage mount in .064 hole



### 2322

2322-X-01-XX-00-00-07-0

Swage mount in .064 hole

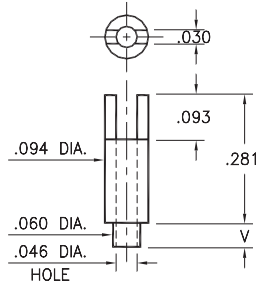


Basic Part Number	Board Thickness	Length V
23XX-1	.031	.053
23XX-2	.062	.084
23XX-3	.094	.115
23XX-4	.125	.147

### 2320

2320-X-01-XX-00-00-07-0

Swage mount in .064 hole

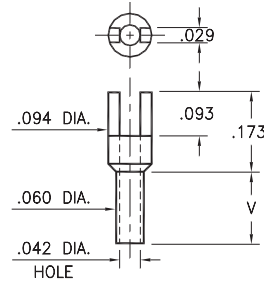


Basic Part Number	Board Thickness	Length V
2320-1	.031	.053
2320-2	.062	.084
2320-3	.094	.115

### 2328

2328-X-01-XX-00-00-07-0

Swage mount in .064 hole

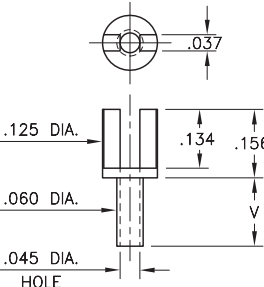


Basic Part Number	Board Thickness	Length V
2328-1	.031	.062
2328-2	.062	.094
2328-3	.094	.125
2328-4	.125	.156

### 2520

2520-X-01-XX-00-00-07-0

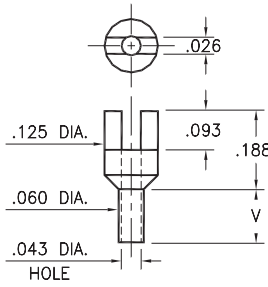
Swage mount in .064 hole



### 2517

2517-X-01-XX-00-00-07-0

Swage mount in .064 hole



Basic Part Number	Board Thickness	Length V
25XX-1	.031	.062
25XX-2	.062	.094
25XX-3	.094	.125
25XX-4	.125	.156

#### SPECIFICATIONS:

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

**Dimensions:** Inches

**Tolerances On:** Lengths:  $\pm .005$   
Diameters:  $\pm .002$   
Angles:  $\pm 2^\circ$



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

**BASIC PART #** →

**SPECIFY PIN FINISH:**

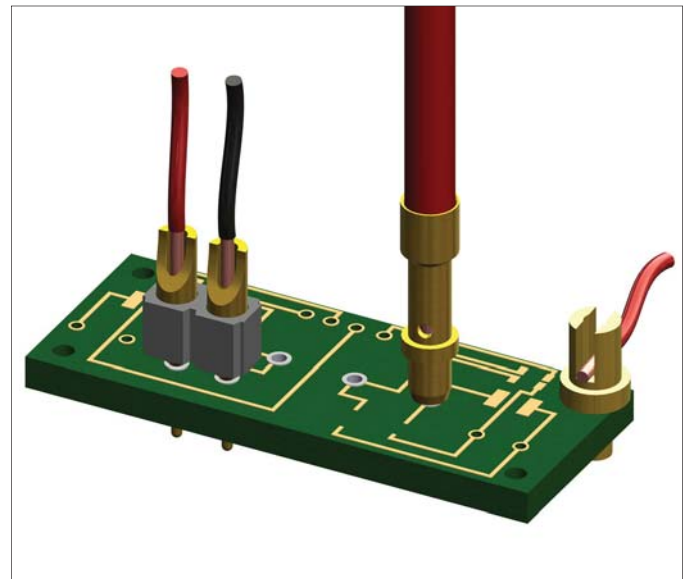
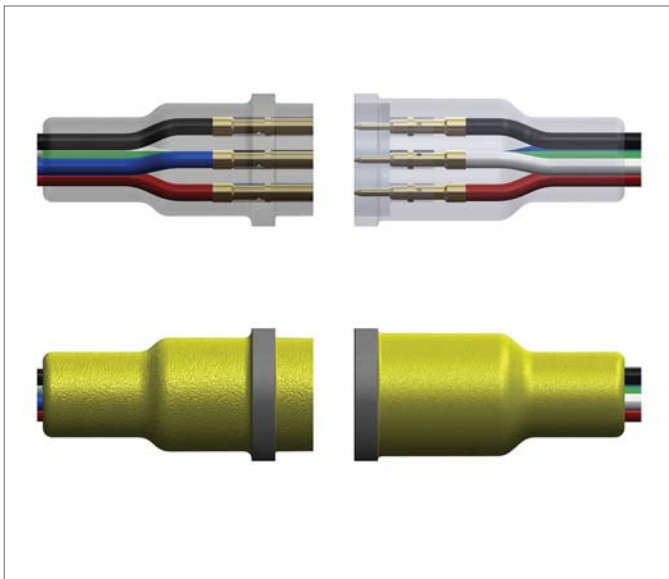
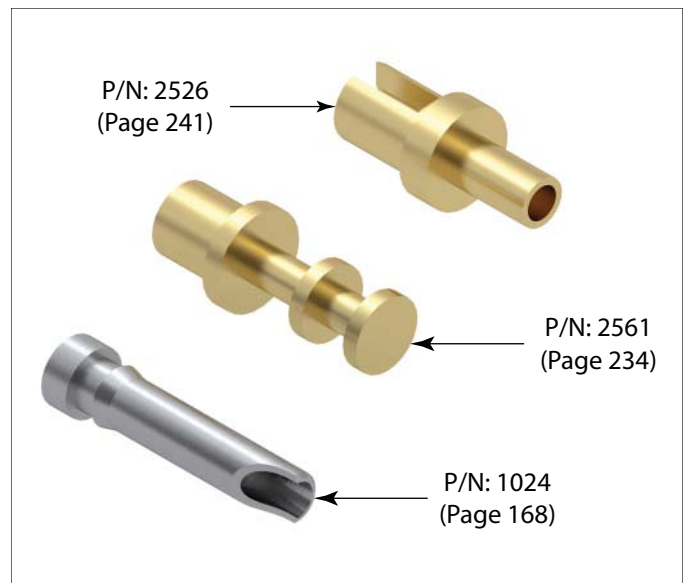
- 01 200  $\mu$ " TIN/LEAD OVER NICKEL
- ◆ 80 200  $\mu$ " TIN OVER NICKEL (RoHS)
- ◆ 44 300  $\mu$ " SILVER OVER COPPER (RoHS)
- 50 300  $\mu$ " ELECTRO-SOLDER  
(60/40 SnPb)



# WIRE TERMINATION

## LOOSE PINS, RECEPTACLES AND SPRING PINS

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.





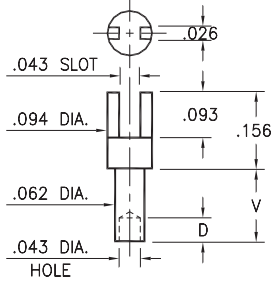
# MALE PCB PINS

## SOLDER TERMINALS SLOTTED

### 2315

2315-X-01-XX-00-00-07-0

Swage mount in .067 hole

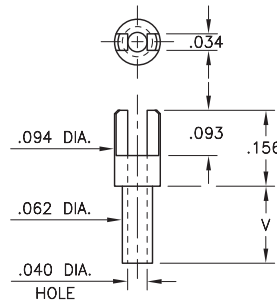


Basic Part Number	Board Thickness	Length V	Depth D
2315-1	.031	.045	.040
2315-2	.062	.094	.062
2315-3	.094	.125	.062
2315-4	.125	.156	.062

### 2302

2302-X-01-XX-00-00-07-0

Swage mount in .067 hole

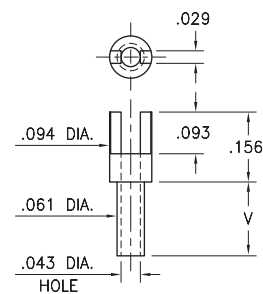


Basic Part Number	Board Thickness	Length V
2302-1	.031	.053
2302-2	.062	.084
2302-3	.094	.115
2302-4	.125	.147

### 2352

2352-X-01-XX-00-00-07-0

Swage mount in .067 hole

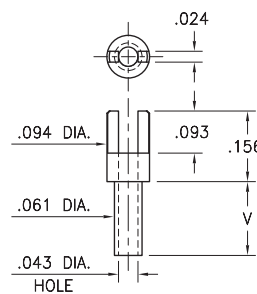


Basic Part Number	Board Thickness	Length V
2352-1	.031	.045
2352-2	.062	.094
2352-3	.094	.125
2352-4	.125	.156

### 2362

2362-X-01-XX-00-00-07-0

Swage mount in .067 hole

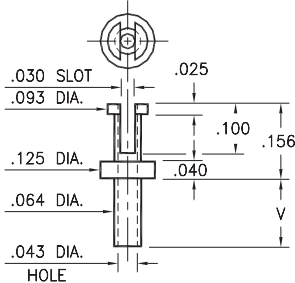


Basic Part Number	Board Thickness	Length V
2362-5	.016	.037
2362-1	.031	.053
2362-2	.062	.084
2362-3	.094	.115
2362-4	.125	.147

### 2507

2507-X-01-XX-00-00-07-0

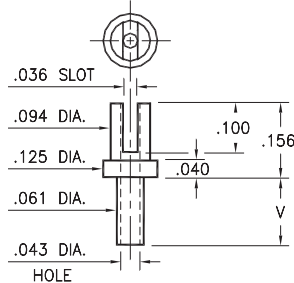
Swage mount in .067 hole



### 2526

2526-X-01-XX-00-00-07-0

Swage mount in .064 hole



Basic Part Number	Board Thickness	Length V
25XX-1	.031	.053
25XX-2	.062	.084
25XX-3	.094	.115
25XX-4	.125	.147

#### SPECIFICATIONS:

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

**Dimensions:** Inches

**Tolerances On:** Lengths:  $\pm .005$   
Diameters:  $\pm .002$   
Angles:  $\pm 2^\circ$



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

BASIC PART #

SPECIFY PIN FINISH:

- 01 200  $\mu$ " TIN/LEAD OVER NICKEL
- ◆ 80 200  $\mu$ " TIN OVER NICKEL (RoHS)
- ◆ 44 300  $\mu$ " SILVER OVER COPPER (RoHS)
- 50 300  $\mu$ " ELECTRO-SOLDER  
(60/40 SnPb)



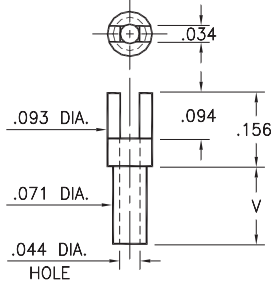
# MALE PCB PINS

## SOLDER TERMINALS SLOTTED

### 2314

2314-X-01-XX-00-00-07-0

Swage mount in .076 hole

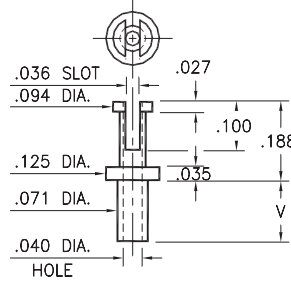


Basic Part Number	Board Thickness	Length V
2314-1	.031	.045
2314-2	.062	.094
2314-3	.094	.125
2314-4	.125	.156

### 2511

2511-X-01-XX-00-00-07-0

Swage mount in .076 hole

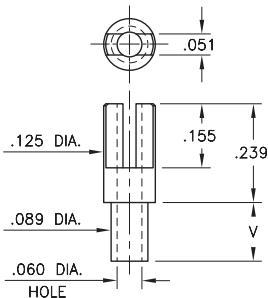


Basic Part Number	Board Thickness	Length V
2511-1	.031	.063
2511-2	.062	.094
2511-3	.094	.125
2511-4	.125	.156

### 2515

2515-X-01-XX-00-00-07-0

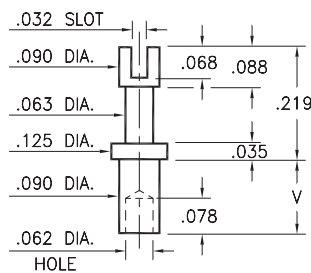
Swage mount in .094 hole



### 2516

2516-X-01-XX-00-00-07-0

Swage mount in .094 hole

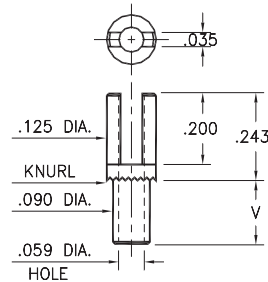


Basic Part Number	Board Thickness	Length V
251X-1	.031	.075
251X-2	.062	.105
251X-3	.094	.135
251X-4	.125	.147

### 2502

2502-X-01-XX-00-00-07-0

Swage mount in .094 hole



Basic Part Number	Board Thickness	Length V
2502-1	.031	.080
2502-2	.062	.111
2502-3	.094	.143
2502-4	.125	.174

#### SPECIFICATIONS:

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

**Dimensions:** Inches

**Tolerances On:** Lengths:  $\pm .005$   
Diameters:  $\pm .002$   
Angles:  $\pm 2^\circ$



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

BASIC PART #

SPECIFY PIN FINISH:

- 01 200  $\mu$ m TIN/LEAD OVER NICKEL
- ◆ 80 200  $\mu$ m TIN OVER NICKEL (RoHS)
- ◆ 44 300  $\mu$ m SILVER OVER COPPER (RoHS)
- 50 300  $\mu$ m ELECTRO-SOLDER  
(60/40 SnPb)



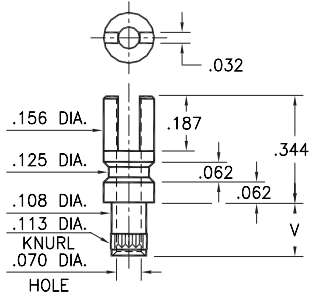
# MALE PCB PINS

## SOLDER TERMINALS SLOTTED

### 2715

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

Swage mount in .116 hole

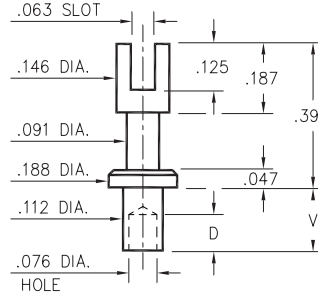


Basic Part Number	Board Thickness	Length V
2715-2	.062	.109
2715-3	.094	.141
2715-4	.125	.172

### 2809

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

Swage mount in .116 hole

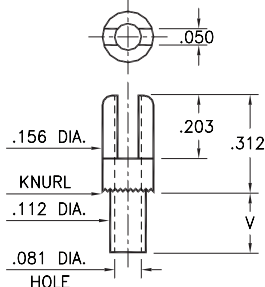


Basic Part Number	Board Thickness	Length V	Depth D
2809-1	.031	.078	.068
2809-2	.062	.109	.098
2809-3	.094	.141	.098
2809-4	.125	.172	.098

### 2701

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

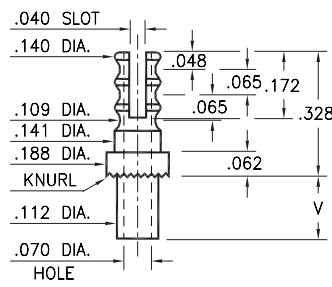
Swage mount in .116 hole



### 2808

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

Swage mount in .116 hole

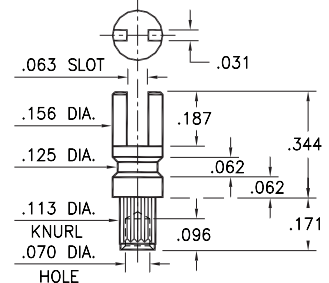


Basic Part Number	Board Thickness	Length V
2XXX-1	.031	.075
2XXX-2	.062	.105
2XXX-3	.094	.135
2XXX-4	.125	.165

### 2762

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

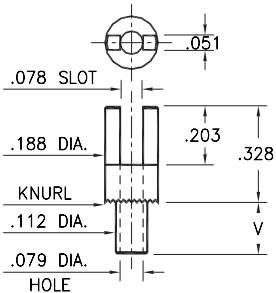
Swage mount in .116 hole  
For a .125 thick board



### 2807

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

Swage mount in .116 hole

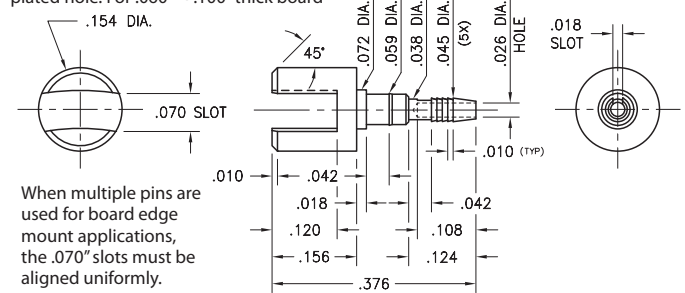


Basic Part Number	Board Thickness	Length V
2807-1	.031	.078
2807-2	.062	.109
2807-3	.094	.140
2807-4	.125	.171

### 3622

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

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



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

#### SPECIFICATIONS:

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

**Dimensions:** Inches

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



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

BASIC PART #

SPECIFY PIN FINISH:

Part #3622 plating ONLY

- 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)



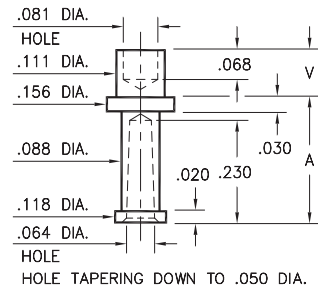
# MALE PCB PINS

## SOLDER TERMINALS VARIOUS TYPES

### 2709

2709-X-07-XX-00-00-07-0

Swage mount in .116 hole

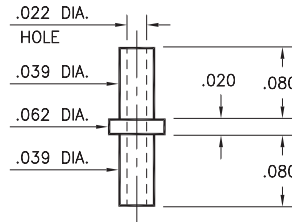


Basic Part Number	Board Thickness	Length V	Length A
2709-2	.062	.109	.281
2709-3	.094	.141	.250

### 2115

2115-2-00-XX-00-00-07-0

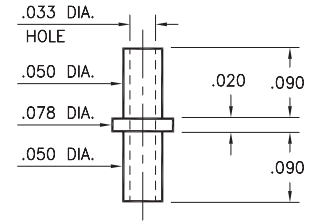
Swage mount in .043 hole  
For a .062 thick board



### 2326

2326-2-00-XX-00-00-07-0

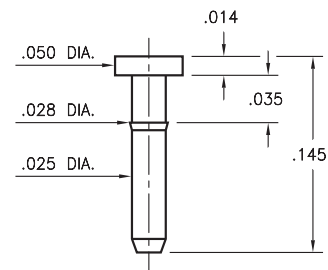
Swage mount in .055 hole  
For a .062 thick board



### 6430

6430-0-00-XX-00-00-03-0

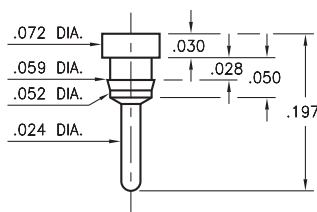
Press-fit in .025 mounting hole



### 5731

5731-0-00-XX-00-00-03-0

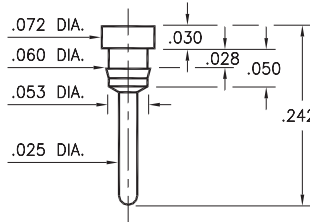
Press-fit in .056 mounting hole



### 8831

8831-0-00-XX-00-00-03-0

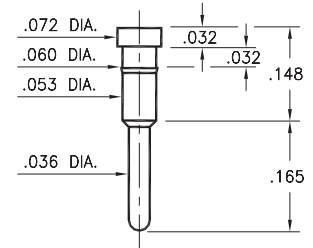
Press-fit in .057 mounting hole



### 0995

0995-0-00-XX-00-00-03-0

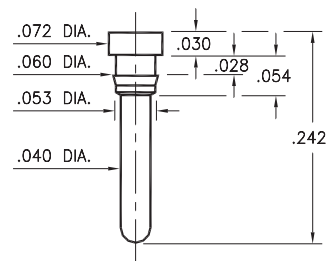
Press-fit in .057 mounting hole



### 8835

8835-0-00-XX-00-00-03-0

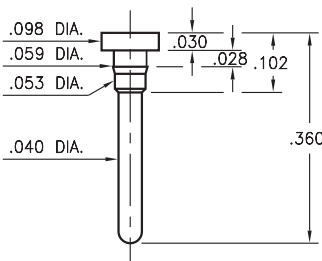
Press-fit in .057 mounting hole



### 5130

5130-0-00-XX-00-00-03-0

Press-fit in .056 mounting hole



#### SPECIFICATIONS:

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

**Dimensions:** Inches

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



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

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)



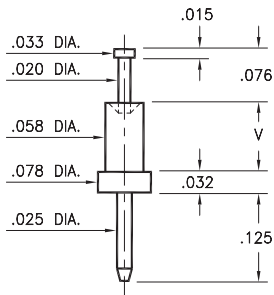
# MALE PCB PINS

## SOLDER TERMINALS PIN TYPE

### 2318

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

Swage mount in .062 hole

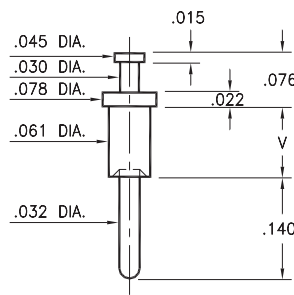


Basic Part Number	Board Thickness	Length V
2318-1	.031	.051
2318-2	.062	.082
2318-3	.094	.113

### 2309

2309-X-00-XX-00-00-07-0

Swage mount in .064 hole

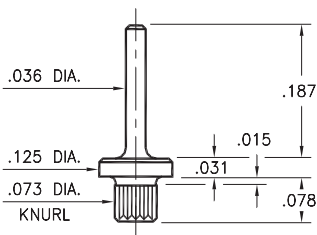


Basic Part Number	Board Thickness	Length V
2309-1	.031	.054
2309-2	.062	.084
2309-3	.094	.115
2309-4	.125	.147

### 2514

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

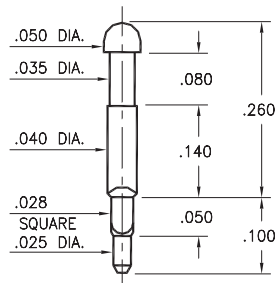
Press-fit in .070 mounting hole



### 8602

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

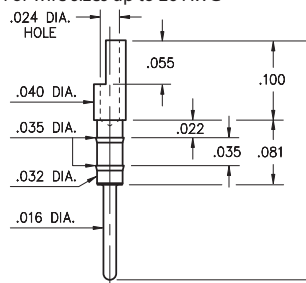
Square press-fit in .032 plated through-hole



### 3050

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

Press-fit in .032 mounting hole  
For wire sizes up to 26 AWG

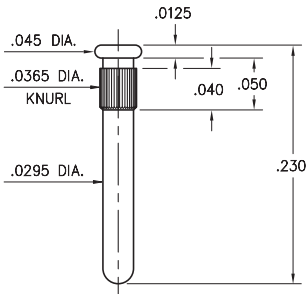


Basic Part Number	Pin Length A
3050-0	.303
3050-3	.376

### 8250

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

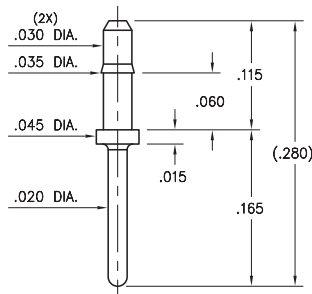
Press-fit in .034 mounting hole



### 9994

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

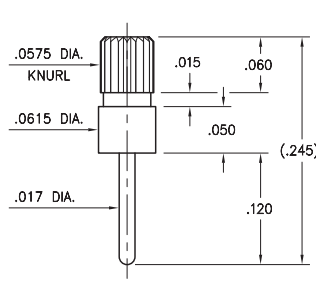
Press-fit in .033 mounting hole



### 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:  $\pm .005$   
Diameters:  $\pm .002$   
Angles:  $\pm 2^\circ$



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

BASIC PART #

SPECIFY PIN FINISH:

- 01 200  $\mu$ " TIN/LEAD OVER NICKEL
- ◆ 80 200  $\mu$ " TIN OVER NICKEL (RoHS)
- ◆ 44 300  $\mu$ " SILVER OVER COPPER (RoHS)
- 50 300  $\mu$ " ELECTRO-SOLDER (60/40 SnPb)



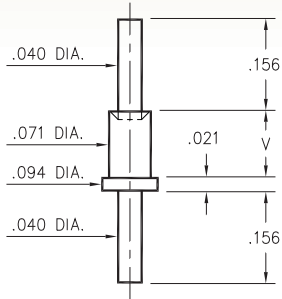
# MALE PCB PINS

## SOLDER TERMINALS PIN TYPE

### 2319

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

Swage mount in .076 hole

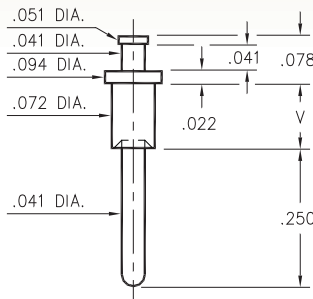


Basic Part Number	Board Thickness	Length V
2319-1	.031	.051
2319-2	.062	.082
2319-3	.094	.113

### 2313

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

Swage mount in .076 hole

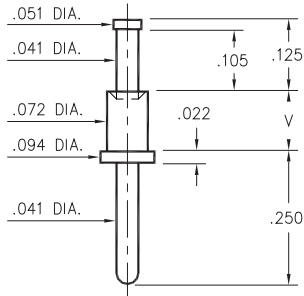


Basic Part Number	Board Thickness	Length V
2313-1	.031	.051
2313-2	.062	.084
2313-3	.094	.113
2313-4	.125	.145

### 2321

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

Swage mount in .076 hole

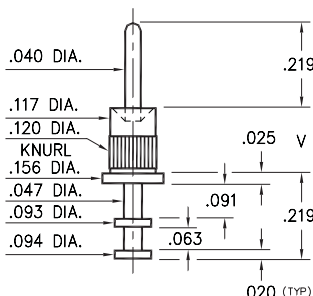


Basic Part Number	Board Thickness	Length V
2321-1	.031	.051
2321-2	.062	.082
2321-3	.094	.113
2321-4	.125	.145

### 2706

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

Swage mount in .120 hole

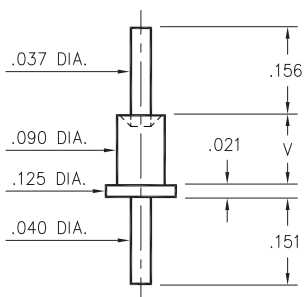


Basic Part Number	Board Thickness	Length V
2706-1	.031	.063
2706-2	.062	.093
2706-3	.094	.125
2706-4	.125	.156

### 2530

2530-X-00-XX-00-00-07-0

Swage mount in .094 hole

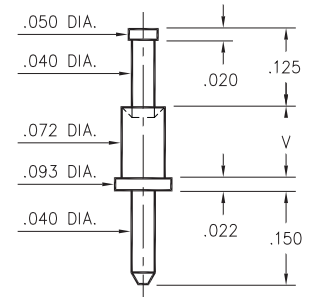


Basic Part Number	Board Thickness	Length V
2530-2	.062	.094
2530-3	.094	.125
2530-4	.125	.156

### 3156

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

Swage mount in .076 hole



Basic Part Number	Board Thickness	Length V
3156-1	.031	.051
3156-2	.062	.082
3156-3	.094	.113
3156-4	.125	.145

#### SPECIFICATIONS:

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

**Dimensions:** Inches

**Tolerances On:** Lengths:  $\pm .005$   
Diameters:  $\pm .002$   
Angles:  $\pm 2^\circ$



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

BASIC PART #

SPECIFY PIN FINISH:

- 01 200  $\mu$ " TIN/LEAD OVER NICKEL
- ◆ 80 200  $\mu$ " TIN OVER NICKEL (RoHS)
- ◆ 44 300  $\mu$ " SILVER OVER COPPER (RoHS)
- 50 300  $\mu$ " ELECTRO-SOLDER  
(60/40 SnPb)

