

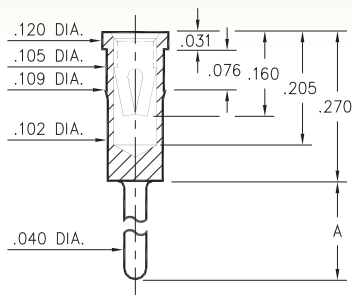
# PIN RECEPTACLES

**FOR .040" - .060" DIAMETER PINS (#03 CONTACT)**  
**FOR .059" - .063" DIAMETER PINS (#42 CONTACT)**

## 0433/8433

**X433-0-15-XX-03-XX-04-0**

Press-fit in .106 mounting hole

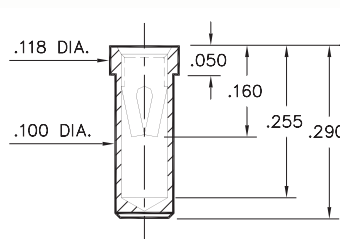


Basic Part Number	Length A
<b>0433-0</b>	.120
<b>8433-0</b>	.330

## 0435/0436

**043X-0-15-XX-03-XX-10-0**

Solder mount in .102 min. mounting hole  
 Also available on 24mm wide carrier tape:  
 950 parts per 13" reel  
 Order as: 0435-0-57-XX-03-XX-10-0

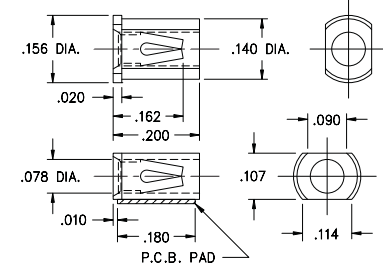


Basic Part Number	Dia. C	Length K
<b>0435-0</b>	.118	.050
<b>0436-0</b>	.125	.070

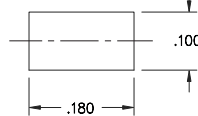
## 4064

**4064-0-18-XX-03-XX-40-0**

Surface mount  
 Also available on 16mm wide carrier tape:  
 2,400 parts per 13" reel  
 Order as: 4064-0-58-XX-03-XX-40-0



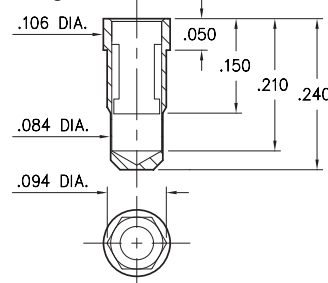
P.C.B. Layout



## 0342

**0342-0-15-XX-42-XX-10-0**

Hex press-fit in .090±.002 plated through-hole

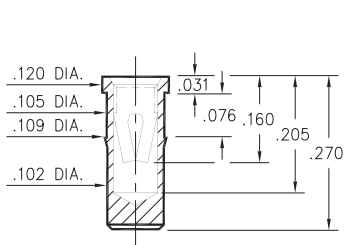


- 0342 receptacle uses Mill-Max's new #42 Contact. This receptacle will accept the  $\varnothing.061 \pm .002$  power pins of ¼ brick DC/DC converters.
- #42 contact can be ordered in standard receptacles that use #03 contact; or it can be specified as the spring element inside custom made receptacles.

## 0434

**0434-0-15-XX-03-XX-10-0**

Press-fit in .106 mounting hole



### Mechanical Data #42 Contact:

Insertion/Extraction Force with a  $\varnothing.061$  (nominal) pin:

First Cycle		2nd & Subsequent Cycles	
Insertion Force	Extraction Force	Insertion Force	Extraction Force
20N	6N	10N	6N

Compliance Test (the "spring back" characteristic of the contact to accept  $\varnothing.059$  small pin after insertion of a  $\varnothing.063$  large pin):

Initial Cycle with $\varnothing.059$ pin		Second Cycle with $\varnothing.063$ pin		Third Cycle with $\varnothing.059$ pin	
Ins. Force	Ext. Force	Ins. Force	Ext. Force	Ins. Force	Ext. Force
18N	6N	22N	7N	3N	2N

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

### SPECIFICATIONS:

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

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

**Dimensions:** Inches

**Tolerances On:** Lengths:  $\pm .005$

Diameters:  $\pm .002$

Angles:  $\pm 2^\circ$



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

**BASIC PART #**

**SPECIFY SHELL FINISH:**

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

**SPECIFY CONTACT FINISH:**

- 01 200  $\mu$ " TIN/LEAD OVER NICKEL
- ◆ 80 200  $\mu$ " TIN OVER NICKEL (RoHS)
- ◆ 27 30  $\mu$ " GOLD OVER NICKEL (RoHS)

**SELECT CONTACT:**

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

