

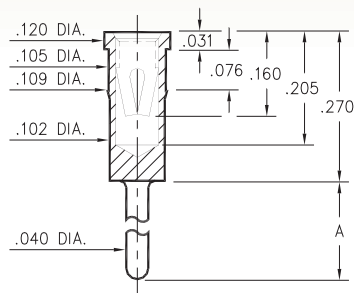
PIN RECEPTACLES

**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



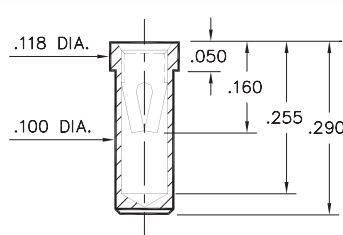
Basic Part Number	Length A
0433-0	.120
8433-0	.330

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



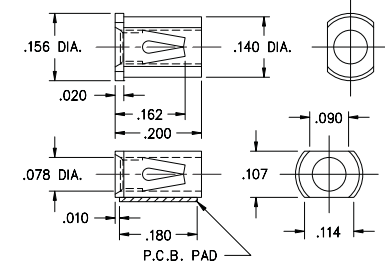
Basic Part Number	Dia. C	Length K
0435-0	.118	.050
0436-0	.125	.070

4064

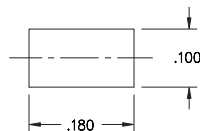
4064-0-18-XX-03-XX-40-0

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



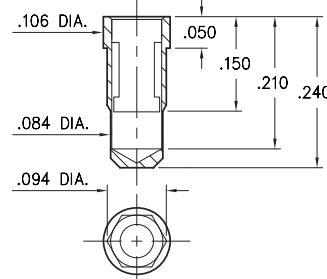
P.C.B. Layout



0342

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

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

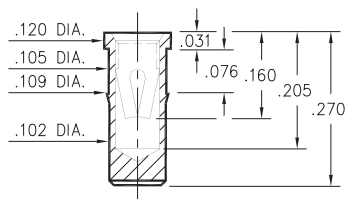


- 0342 receptacle uses Mill-Max's new #42 Contact. This receptacle will accept the $\varnothing.061 \pm .002$ power pins of ¼ brick DC/DC converters.
- #42 contact can be ordered in standard receptacles that use #03 contact; or it can be specified as the spring element inside custom made receptacles.

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 - 0

BASIC PART #

SPECIFY SHELL FINISH:

01 200 μ " TIN/LEAD OVER NICKEL

◆ **80** 200 μ " TIN OVER NICKEL (RoHS)

◆ **15** 10 μ " GOLD OVER NICKEL (RoHS)

SPECIFY CONTACT FINISH:

01 200 μ " TIN/LEAD OVER NICKEL

◆ **80** 200 μ " TIN OVER NICKEL (RoHS)

◆ **27** 30 μ " GOLD OVER NICKEL (RoHS)

SELECT CONTACT:

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



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

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Authorized Distributor

Click to View Pricing, Inventory, Delivery & Lifecycle Information:

Mill-Max:

[0436-0-15-01-03-01-10-0](#) [0436-0-15-01-03-27-10-0](#) [0435-0-15-01-03-01-10-0](#) [0435-0-15-01-03-27-10-0](#) [0434-0-15-01-03-01-10-0](#) [0434-0-15-01-03-27-10-0](#) [0433-0-15-01-03-01-04-0](#) [0433-0-15-01-03-27-04-0](#) [0433-0-15-15-03-27-04-0](#) [0434-0-15-15-03-27-10-0](#) [0435-0-15-15-03-27-10-0](#) [0436-0-15-15-03-27-10-0](#) [4064-0-18-01-03-27-40-0](#) [8433-0-15-00-00-00-04-0](#) [0435-0-15-00-00-00-10-0](#) [0434-0-15-00-00-00-10-0](#) [0433-0-15-00-00-00-04-0](#) [0436-0-15-00-00-00-10-0](#)