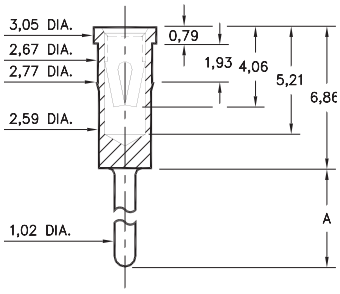
PIN RECEPTACLES
for 1,02 - 1,52 diameter pins (#03 contact) and 1,5 - 1,6 diameter pins (#42 contact)

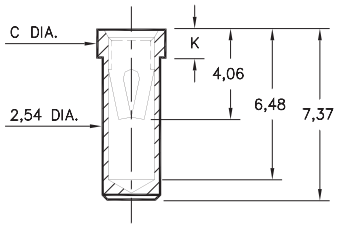
0433/8433



Basic Part Number	Length A
0433-0	3,05
8433-0	8,38

X433-0-15-XX-03-XX-04-0
Press-fit in 2,69 mounting hole

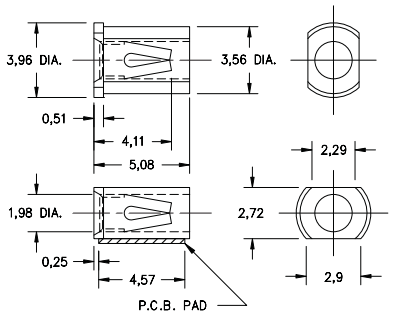
0435/0436



Basic Part Number	Dia. C	Length K
0435-0	3,0	1,27
0436-0	3,18	1,78

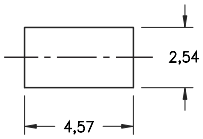
0435-0-15-XX-03-XX-10-0
Solder mount in 2,59 min. mounting hole
Also available on 24mm wide carrier tape: 950 parts per 330mm reel.
Order as: 0435-0-57-XX-03-XX-10-0

4064

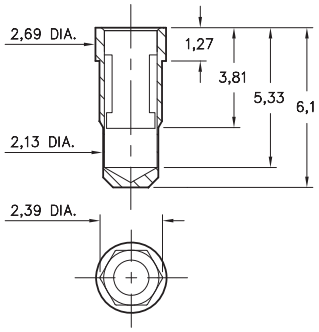


4064-0-18-XX-03-XX-40-0
Surface mount
Also available on 16mm wide carrier tape: 2,400 parts per 330mm reel.
Order as: 4064-0-58-XX-03-XX-40-0

P.C.B. Layout



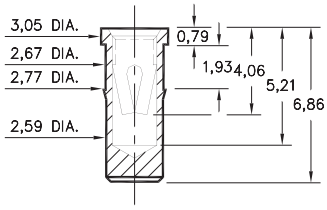
0342



0342-0-15-XX-42-XX-10-0
Hex press-fit in 2,29±0,05 plated thru hole

- 0342 receptacle uses Mill-Max's new #42 Contact. This receptacle will accept the Ø1,55±0,05 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 2,69 mounting hole

Mechanical Data #42 Contact:
Insertion/Extraction Force with a Ø1,55 (nominal) pin:

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

Compliancy Test (the "spring back" characteristic of the contact to accept Ø1,5 small pin after insertion of a Ø1,6 large pin) :

Initial Cycle with Ø1,5 pin		Second Cycle with Ø1,6 pin		Third Cycle with Ø1,5 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

DIMENSION IN INCHES
TOLERANCES ON:
LENGTHS: ±0,13
DIAMETERS: ±0,05
ANGLES: ± 2°

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

BASIC PART #

SPECIFY SHELL FINISH:
01 5,08µm TIN/LEAD OVER NICKEL
◇ **80** 5,08µmTIN OVER NICKEL (RoHS)
◇ **15** 0,25µm GOLD OVER NICKEL (RoHS)

SPECIFY CONTACT FINISH:
01 5,08µm TIN/LEAD OVER NICKEL
◇ **80** 5,08µm TIN OVER NICKEL (RoHS)
◇ **27** 0,76µm GOLD OVER NICKEL (RoHS)

RoHS 2002/95/EC

SELECT CONTACT
#03 or #42 CONTACT (DATA ON PAGE 224)