

MAXIMUM SOLUTIONS

Mill-Max Through-hole Receptacles on Tape for Automated Assembly



For customers utilizing an intrusive reflow soldering* process, purchasing Mill-Max socket receptacles supplied on tape and reel offer significant time savings by eliminating manual component placement onto the PCB.

These receptacles (discrete sockets) come on carrier tape per EIA-481 to feed automated 'pick & place' assembly equipment. Our standard reel size is 13".

Mill-Max offers RoHS compliant plating options. Instead of traditional tin/lead plating on the receptacle's shell and contact, a pure matte tin with oxide and whisker inhibitors can be specified.

For more information, visit: www.mill-max.com/PR558.

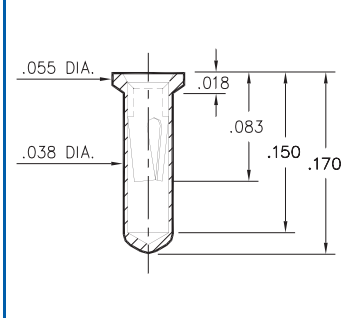
**Intrusive reflow (also called "pin-in-paste") is a technique of using conventional through-hole components in a reflow soldering process. The receptacles are placed into plated-through-holes in the circuit board (solder paste has previously been screen printed on pads adjacent to the holes) and the board is reflowed in the same pass as other SMT components. Solder will fill the plated-through-holes and achieve solder joints as reliable as wave soldering. The OFP® barrier prevents solder paste from being picked-up inside the contact during pick 'n place assembly. "Overprinting" paste on the solder mask can be used to adjust the volume of paste required to fill each hole.*



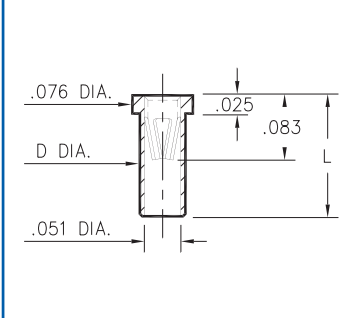
RECEPTACLES ON TAPE per EIA-481
for automated "pick & place" assembly.
Through Hole ("intrusive" reflow soldered)



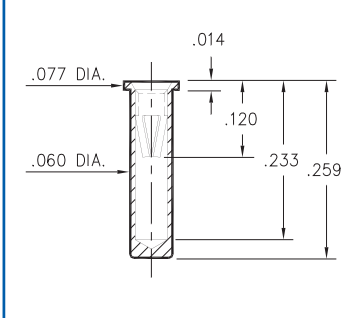
0552 0305 0295 0415



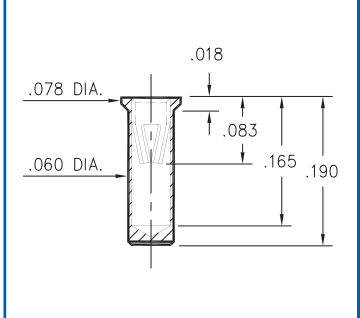
0552-2-15-XX-X1-XX-10-0
Solder mount in .040 min. mounting hole
Also available on 16mm wide carrier tape: 1,500 parts per 13" reel.
Order as: 0552-2-57-XX-X1-XX-10-0



0305-2-15-XX-47-XX-10-0
Solder mount in .059/.061 mounting hole
Also available on 24mm wide carrier tape: 1,500 parts per 13" reel.
Order as: 0305-2-57-XX-47-XX-10-0

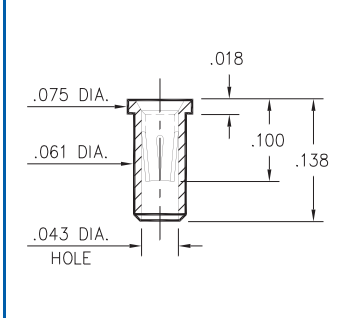


0295-0-15-XX-06-XX-10-0
Solder mount in .063 min. mounting hole
Also available on 24mm wide carrier tape: 1,000 parts per 13" reel.
Order as: 0295-0-57-XX-06-XX-10-0

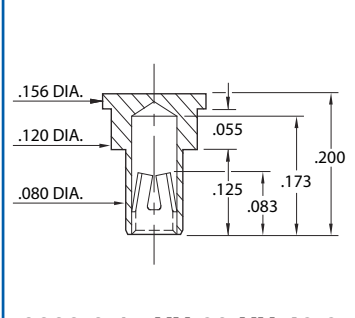


0415-0-15-XX-16-XX-10-0
Solder mount in .063 min. mounting hole
Also available on 24mm wide carrier tape: 1,500 parts per 13" reel.
Order as: 0415-0-57-XX-16-XX-10-0

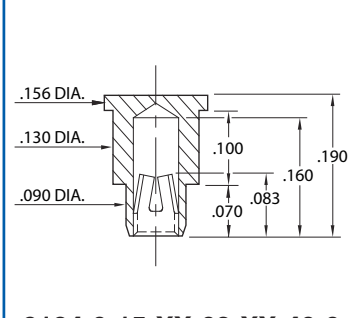
0666 9222 9184 0364



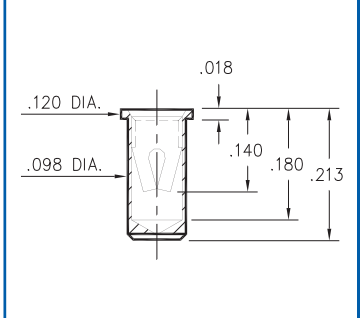
0666-0-15-XX-32-XX-10-0
Solder mount in .064 min. mounting hole
Also available on 24mm wide carrier tape: 1,500 parts per 13" reel.
Order as: 0666-0-57-XX-32-XX-10-0



9222-2-15-XX-02-XX-40-0
Bottom entry, surface mount in .082 min plated thru hole. Also available on 12mm wide carrier tape: 1,500 parts per 13" reel.
Order as: 9222-2-57-XX-02-XX-40-0

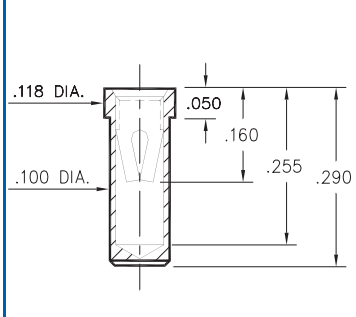


9184-0-15-XX-02-XX-40-0
Bottom entry, surface mount in .092 min plated thru hole. Also available on 12mm wide carrier tape: 1,500 parts per 13" reel.
Order as: 9184-0-57-XX-02-XX-40-0

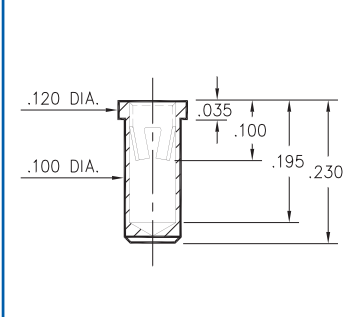


0364-0-15-XX-13-XX-10-0
Solder mount in .100 min. mounting hole
Also available on 16mm wide carrier tape: 1,300 parts per 13" reel.
Order as: 0364-0-57-XX-13-XX-10-0

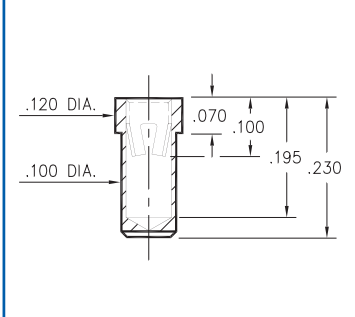
0435 9401 9801



0435-0-15-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



9401-0-15-XX-23-XX-10-0
Solder mount in .102 min. mounting hole
Also available on 24mm wide carrier tape: 1,100 parts per 13" reel.
Order as: 9401-0-57-XX-23-XX-10-0



9801-0-15-XX-23-XX-10-0
Solder mount in .102 min. mounting hole
Also available on 16mm wide carrier tape: 1,200 parts per 13" reel.
Order as: 9801-0-57-XX-23-XX-10-0

SPECIFICATIONS:

SHELL MATERIAL:
Brass Alloy 360, 1/2 Hard

CONTACT MATERIAL:
Beryllium Copper Alloy 172, HT

DIMENSION IN INCHES
TOLERANCES ON:
LENGTHS: ±.005
DIAMETERS: ±.002
ANGLES: ± 2°

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

BASIC PART # →

SPECIFY SHELL FINISH:
01 200µ" TIN/LEAD OVER NICKEL
80 200µ" TIN OVER NICKEL

SPECIFY CONTACT FINISH:
27 30µ" GOLD OVER NICKEL
01 200µ" TIN/LEAD or 02 100µ" TIN/LEAD OVER NICKEL
80 200µ" TIN or 84 100µ" TIN OVER NICKEL

CONTACT TYPE
#6, #11, #21, #30, #16, #47, #02, #03 or #23
(DATA ON PAGES 203-215)

Use with #11, #21 & #30 Contacts Only