

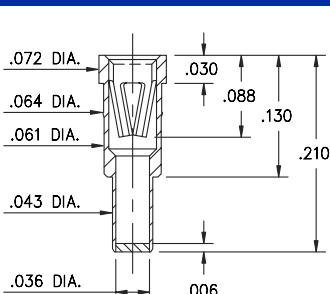
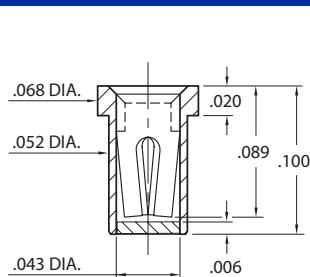
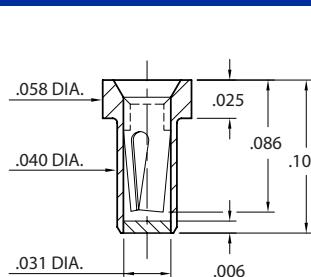
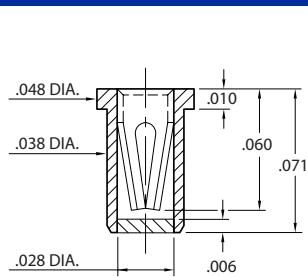


PIN RECEPTACLES
With Organic Fibre Plug® Solder Barrier
(see specific contact range on pages 216, 217, 218 & 221)



- These through-hole (tubular) receptacles are designed for hand, wave or reflow* soldering. The **ORGANIC FIBRE PLUG®** barrier prevents solder, paste or flux from contaminating the spring contact.
- After soldering, the **OFP®** barrier is pushed out of the receptacle when the device is plugged in.
- All parts are available as discrete receptacles; but for SMT assembly, certain receptacles are supplied on carrier tape per EIA-481 to feed industry standard pick and place machines.

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.*

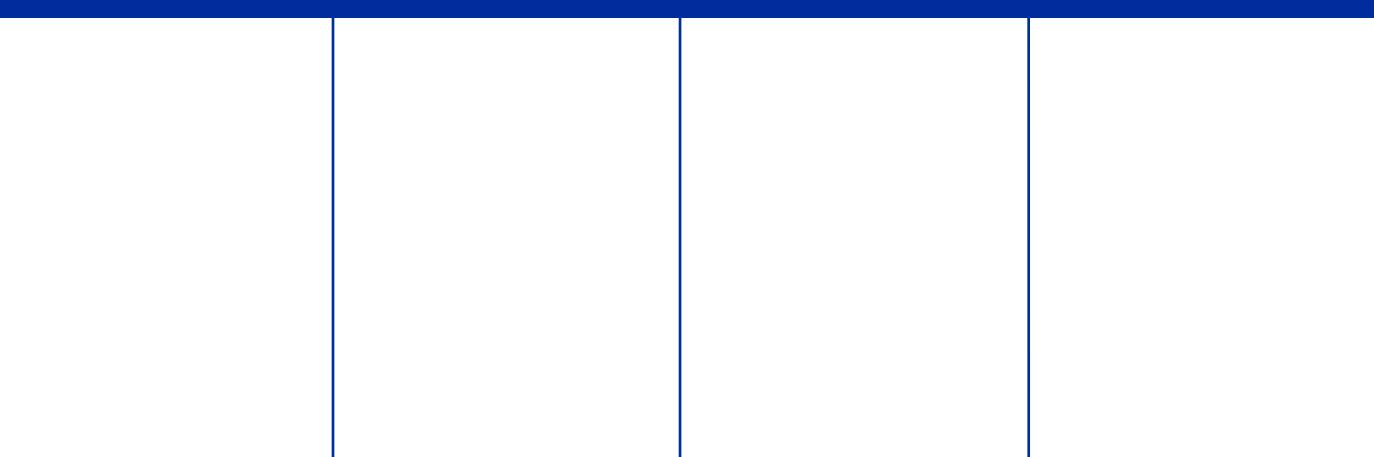
**5359****0577****4015****3435**

5359-0-XX-XX-10-XX-10-0
 Solder mount in $\varnothing 0.043 \pm .003$ PTH.
#10 Contact for $\varnothing 0.012$ - 0.017 pins.
 Also available on 16mm wide carrier tape: 3,000 parts per 13" reel.

0577-0-XX-XX-21-XX-10-0
 Solder mount in $\varnothing 0.045 \pm .003$ PTH.
#21 Contact for $\varnothing 0.015$ - 0.022 pins.
 Also available on 12mm wide carrier tape: 3,000 parts per 13" reel.

4015-0-XX-XX-30-XX-10-0
 Solder mount in $\varnothing 0.057 \pm .003$ PTH.
#30 Contact for $\varnothing 0.015$ - 0.025 pins.
 Also available on 8mm wide carrier tape: 5,500 parts per 13" reel.

3435-0-XX-XX-47-XX-04-0
 Solder mount in $\varnothing 0.046 \pm .003$ PTH.
#47 Contact for $\varnothing 0.025$ - 0.036 and
 $.025"$ square pins.

**SPECIFICATIONS**

SHELL MATERIAL:
 Brass Alloy 360, 1/2 Hard

CONTACT MATERIAL:
 Beryllium Copper Alloy 172, HT

SOLDER BARRIER:
 Organic Fibre Plug®

DIMENSION IN INCHES

TOLERANCES ON:
LENGTHS: $\pm .005$
DIAMETERS: $\pm .002$
ANGLES: $\pm 2^\circ$

ORDER CODE: XXXX - 0 - XX - XX - XX - XX - 10 - 0

BASIC PART #

SPECIFY PACKAGING:

43 Discrete Receptacles

67 Supplied on 13" Reels

SPECIFY SHELL FINISH:

01 200μ " TIN/LEAD OVER NICKEL

80 200μ " TIN OVER NICKEL

SPECIFY CONTACT FINISH:

27 30μ " GOLD OVER NICKEL

02 100μ " TIN/LEAD OVER NICKEL

84 100μ " TIN OVER NICKEL

CONTACT #
#10, #21, #30 or #47 CONTACT (DATA ON PAGES 216, 217, 218 & 221)

