

## **PIN RECEPTACLES** With Organic Fibre Plug<sup>®</sup> Solder Barrier



- These thru-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<sup>®</sup> 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 thru-hole components in a reflow soldering process. The receptacles

0577

*0379* 

are placed into plated-thru-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-thru-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

4015

9873

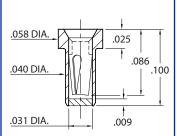


4280

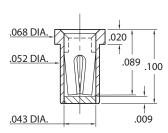
# 5359 .048 DIA .038 DIA .060 .071 .028 DIA 009

#### 5359-0-XX-XX-10-XX-10-0 Solder mount in Ø.043±.003 PTH. #10 Contact for Ø.012-.017 pins. Also available on 16mm wide carrier tape: 3,000 parts per 13" reel.

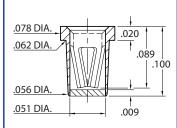
*0479* 



0577-0-XX-XX-21-XX-10-0 Solder mount in Ø.045±.003 PTH. #21 Contact for Ø.015-.022 pins. Also available on 12mm wide carrier tape: 3.000 per 13" reel or 700 per 7" reel.



4015-0-XX-XX-30-XX-10-0 Solder mount in Ø.057±.003 PTH. #30 Contact for Ø.015-.025 pins. Also available on 8mm wide carrier tape: 5.500 per 13" reel or 1.500 per 7" reel.



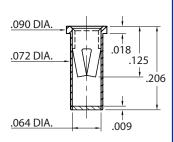
4280-0-XX-XX-16-XX-10-0 Solder mount in Ø.067±.003 PTH. **#16** Contact for Ø.022-.034 pins. Also available on 8mm wide carrier tape: 5.500 per 13" reel or 1.500 per 7" reel.

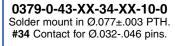
## .090 DIA .018 140 .072 DIA .064 DIA .009

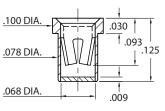




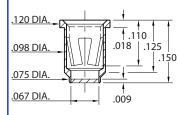








9873-0-XX-XX-02-XX-10-0 Solder mount in Ø.083±.003 PTH. #02 Contact for Ø.040-.050 pins. Also available on 12mm wide carrier tape: 4,500 per 13" reel or 1,200 per 7" reel.



5364-0-XX-XX-23-XX-10-0 Solder mount in Ø.103±.003 PTH. #23 Contact for Ø.045-.065 pins. Also available on 12mm wide carrier tape: 2,000 per 13" reel or 500 per 7" reel.

### **ORDER CODE: XXXX - 0** BASIC PART # -**SPECIFY PACKAGING:** 43 Discrete Receptacles 67 Supplied on 13" Reels 65 Supplied on 7" Reels

