

# 38999 Series III

# Special Purpose Contacts and Connectors for Missile Applications



**New! Size 12  
Pneumatic  
Contacts**



Stainless steel pneumatic contacts attach to 3/32 inch (2.38) diameter tubing. Socket contact has O-Ring and PTFE backup washers. Contacts snap into Size 12 connector cavities. Ideal for pitot tube connections, these pneumatic contacts are rated for 100 PSI maximum air pressure. No installation tool is required. Remove contacts with plastic extraction tool 809-132.



## The 38999 Series III Special Purpose Connector

Scoop-Proof, Triple Start, Self-Locking

12, 16, 20, and 22 gauge contacts, standard density and 22 gauge high density arrangements; 3 to 128 contacts. Crimp, solder and PCB tails.

Triple-start threaded coupling design, rapid advance, self-locking and full-mate indicator, keyed.

Shell to shell bottoming, grounding fingers, conductive plating and thick shell wall cross-sections provide effective EMI shielding to 65 dB minimum at 10 GHz

Excellent resistance to vibration and shock with no electrical discontinuity and no disengagement of the mated connectors per MIL-DTL-38999 (paragraph 3.26)

360 ° or one full turn to full mate

Aluminum, CRES and Composite Shells, Silicone Seals per ZZ-R-765, Beryllium Copper Alloy, Gold Plated Contacts

### Glenair Finish Favorites

**NF** Cadmium Plate OD 1000 Hr. S. Spray

**Z1** SS Passivated 2000 Hr. S. Spray RoHS

**M** Electroless Nickel 48 Hr. S. Spray RoHS

**C** Black Anodize 336 Hr. S. Spray RoHS

**ZN** Zinc-Nickel 1000 Hr. S. Spray

### Other Popular Plating Solutions

**G2** Hardcoat Anodize 336 Hr. S. Spray RoHS

**J** Cadmium Gold Chromate 500 Hr. S. Spray

**E** Chem Film 96 Hr. S. Spray

**XM** Nickel Plated Composite 2000 Hr. S. Spray RoHS

**ZNU** Zinc-Nickel Black 1000 Hr. S. Spray

### New Mil-Spec Approved Cad Free

**MT** Nickel PTFE 1000 Hr. S. Spray RoHS

**AL** Alumiplate 1000 Hr. S. Spray RoHS

**UCR** Zinc-Cobalt Black 500 Hr. S. Spray RoHS

### Unplated Solutions

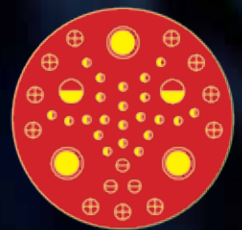
**AB** Marine Bronze 1000 Hr. S. Spray RoHS

**XB** Composite Unplated 2000 Hr. S. Spray RoHS

### Additional Contact Capability

- Coax Sizes 16, 12 and 8
- Concentric Twinax Size 12 and 8
- Quadrax Size 8, 100 and 150 chm
- Power Contact Size 8
- FO Terminus Size 16
- Pneumatic Contacts Size 12

**Possible  
Contact  
Combination  
(Example)**



Power - Twinax - Coax - Quadrax **8** ●

Power - Pneumatic - Coax - Twinax **12** ●

Power - FO Terminus - Coax **16** ⊕

Fiber Optic Terminus and Signal **20** ⊖

Signal **22D** ●



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