# Mil/Aero Circulars



**Product Snapshot** 



# **MD Connectors**

- Micro-Miniature circular plugs with solder or crimp contacts
- Micro-Miniature circular jam nut or box mount receptacle with solder, crimp, or PC tail contacts
- Equivalent to Mighty Mouse
- Standard or specialty platings available
- 7 shell sizes and 2-37 contact insert arrangements
- Performance equivalent to MIL-DTL-38999



### Mil-DTL-26482 Series

- Meet or exceed the requirements of MIL-C-26482 Series I, crimp and solder and PC tail; are in the U.S. Department of Defense Qualified Parts List
- Available in 9 shell sizes and 24 insert arrangements; AWG 16 through 24
- Standard contact termination by crimping; wire stripping automated, by crimping machines or manually
- Shells and hardware made of high strength aluminum alloys; available with a variety of plated or anodized finishes
- Contacts machined from solid copper alloy and gold plated in accordance with MIL-G-45204 type II
- Standard operating temperature range of -55°C to +125°C available with a variety of accessories and features



## **DMS-TP Circular Connectors**

- Dry-mated sealed connectors where extreme changes in temperature, pressure, humidity, and intense vibration are present
- 500 hrs salt spray tested
- Operating temperature -20°C to +85°C
- Electroless nickel plated brass connector bodies
- Water tightness service rating: unmated 72 PSI, mated 435 PSI



### Buffet/Galley Connectors

- Recognized as the industry standard connectors Receptacles and Plugs by airframe and Galley equipment Manufacturers worldwide
- Manufactured using FAA approved Quality Assurance Procedures (FAR Part 2)
- Also available in crimp and solder versions



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**Product Snapshot** 



# 38999 Series

- · Available in straight and right angle PC tails
- Low profile designs available
- Positively aligned and bonded within the insert eliminating contact float alignment problems, minimizing true hole positioning difficulties and provides environmental sealing
- Intermateable to MIL-C-38999, Series I, II and III connectors
- Made from bar stock aluminum; standard surface finishes such as cadmium, nickel, anodize and custom finishes Contacts are gold-plated per MIL-G-45204 over copper alloy
- Special platings available



### **Nano Miniature**

- Blind mateable, In-line, panel or box mount receptacles
- Can be custom designed to meet your specifications
- Available in composite, stainless steel, and aluminum
- 2 to 19-contact insert arrangements
- · Less than half an inch in length and in diameter
- Threaded, bayonet or J-lock coupling



## **ACP Series**

- Low profile connectors available in a wide assortment of arrangements and polarizations with up to 61 pin or socket contacts
- Mate with MIL-C-26500 and MIL-C-83723 Series III, in bayonet or threaded coupling versions
- Specified in by major manufacturers
- Unsurpassed durability
- Each contact is positively aligned and bonded within the insert to ensure ease of board mounting and sealing
- Conserve significant space affording higher density packaging and complete intermateability to the Mil spec



## Mil-DTL-83723 Series

- Meet or exceed the requirements of MIL-C-83723 Series III, crimp and solder and PC tail; are in the U.S. Department of Defense Qualified Parts List
- Available in 10 shell sizes and 34 insert arrangements
- Standard contact termination by crimping; wire stripping automated, by crimping machines, or manually
- Shells and hardware made of high strength aluminum alloys; available with a variety of plated or anodized finishes
- Standard operating temperature range of -65°C to +200°C