



Dura-Con Microminiature D-Shaped Connectors

- Weight and space kept to a minimum while maintaining maximum reliability
- Twist pin maintains 7 points of contact for continuous reliability
- Contact pitch of 0.050 in (1.27mm)



Micro-D | Metal Shell Connectors

- Plugs and sockets in 9, 15, 21, 25, 31, 37, 51 and 100 positions
- Insulated wire, pigtail, solder cup, and PCB terminations available
- PCB mounted micro-Ds have a full washout at the PCB surface for cleaning processes
- Multiple plating options



Micro-D | Plastic Shell Connectors

- Plugs and sockets in 9, 15, 21, 25, 31, 37 and 51 positions
- Insulated wire, uninsulated wire, and solder cup terminations
- SWaP optimized, lighter, smaller and more economic, while still relying on the twist pin contact



MIL-DTL-83513 Connectors

- Nickel-plated parts meet space material requirements
- Includes M83513 slash sheets /01 thru /27
- Plugs and sockets in 9, 15, 21, 25, 31, 37, 51 and 100 positions
- Insulated wire, uninsulated wire, solder cup, straight and right-angle PCB terminations available
- PCB mounted micro-Ds have a full washout at the PCB surface for cleaning processes



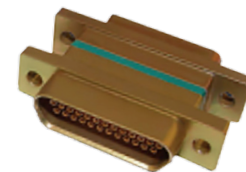
Strip Connectors

- Thin and lightweight for extreme space and weight constrained applications
- Optional polarization with guide pin
- Plugs and sockets in 1 to 60 positions with optional bonding for dual row and increased contact count
- Insulated wire, pigtail, and solder cup terminations



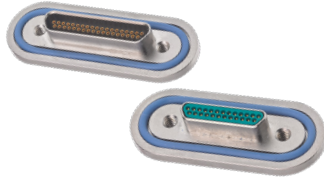
Backshells

- Aluminum shells provide EMI shielding and strain relief to micro-D cables
- Straight, 45° and right-angle wire entry options
- Multiple and custom wire entry sizes available
- Multiple plating options



Connector Savers

- Reduces damage to already mounted Dura-Con connectors during routine system tests
- Eliminates numerous mating and un-mating cycles for connectors on test harnesses
- Plug on one end, and socket on the other



Hermetic Connectors

- Designed to maintain separation of distinct controlled atmospheres
- Hermetic seal:
Surpasses 1×10^{-8} cc/sec @ 1 atm He differential
- Plugs and sockets in 9, 15, 21, 25, 31, 37 and 51 positions
- Pigtail and solder cup terminations
- Protective aluminum shell available for welding mount and with compression seal



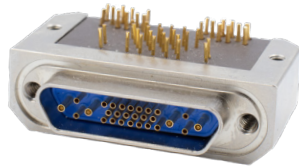
High Temperature Connectors

- Additional stability at higher temperatures
- Operating temperature:
-65°F (-55°C) to +347°F (+175°C) for plugs, +392°F (+200°C) for sockets
- Plugs and sockets in 9, 15, 21, 25, 31 and 37 positions
- Insulated wire, pigtail, solder cup, straight and right-angle PCB terminations
- Redesigned insulators that increase reliability at high rates of continuous vibration



EMI Shielded Assemblies

- Compressible conductive gasket on plugs for 360° EMI protection
- Integrated back shell with channel for metal strap
- Preinstalled EMI braided sleeves and abrasion protection sleeves
- Available as plug or socket pigtails and plug, socket or hybrid jumpers
- Complete assemblies ready for installation



Combis Connectors

- Combis provide the ability to include power, RF and expanded (EB) beam contacts all within one micro-D connector assembly
- Low current (3 Amp) signals and higher current (15 Amp) contacts
- Multiple contact arrangement options
- Insulated wire, pigtail, and solder cup terminations



Micro-D | High Speed

- Robust twist pin contacts perform continuously in high shock and vibration
- Same footprint as RJ45 plugs and sockets, right angle socket designed to be drop in replacement
- Surpasses 10GBaseT speeds
- Replace commercial RJ45s with the Dura-Con high speed micro-Ds



Custom Designs

- Dura-Con designs and manufactures custom solutions for a variety of space constrained applications
- Wire assemblies can be prewired and encapsulated directly into the connector per customer wire charts
- Complete wire harness assembly options available from concept to manufacturing
- Integrate hermetic seals directly onto chamber covers and reduce welds