ULTI-MATE CONNECTORS INC.

Ulti-Mate Connector Inc. has been producing world-class Micro-miniature connectors and customized solutions since 1977. From our facility in Orange, California we proudly serve the interconnect needs of the Military, Aviation, Medical and Geophysical markets. Our reputation for innovation and quality has placed Ulti-Mate Connectors in advanced missile and guidance systems, predator drones, unmanned satellites, directional drilling equipment and medical imaging systems.

WHY ULTI-MATE?

• SUPERIOR CUSTOMER SERVICE
• INNOVATIVE HIGH-QUALITY PRODUCTS AND SERVICE SOLUTIONS
• LARGEST TOOLED MICRO-D AND NANO PRODUCT OFFERING
• EXTENSIVE STOCK COMPONENTS TO FACILITATE QUICK TURN REQUIREMENTS
• WIDE-RANGING EXPERTISE IN CABLE ASSEMBLY DESIGN AND FABRICATION
• MANAGEMENT TEAM WITH OVER 90 YEARS IN THE MICRO-MINIATURE INDUSTRY
• WOMAN OWNED SMALL BUSINESS

Ulti-Mate Connector is ITAR registered, ISO 9001: 2008 and AS9100 revision C certified. Our robust quality assurance processes ensures Ulti-Mate connectors and cable assemblies comply with all documentation requirements, product configurations, and validation requirements.

Cable assemblies are 100% electrically tested for Hi-Pot, DWV, IR, Continuity, Placement and Contact Resistance. Mechanical integrity, flame retardant, flex life, shielding & signal integrity, and outgassing, when necessary.
**MICRO MINIATURE CONNECTORS**

Ulti-Mate Connector Inc. designs and manufactures a broad range of precision engineered Micro Connectors. In addition to the standard products shown below, Ulti-Mate will collaborate on custom solutions to meet your interconnect needs.

- **Wired Micro D Plug and Receptacle**
  - Standard or Low Profile
  - Metal or Plastic Shell
  - 9, 15, 21, 25, 31, 37, 51-3 and 100 positions

- **Micro D Solder Cup Plug and Receptacle**
  - Standard or Low Profile
  - Metal or Plastic Shell
  - 9, 15, 21, 25, 31, 37, 51-3 and 100 positions

- **Micro D Rear and Front Panel Mount Plug and Receptacle**
  - Standard Profile Metal Shell
  - 9, 15, 21, 25, 31, 37, and 51 positions

- **Micro D Circuit Plug and Receptacle**
  - Standard or Low Profile
  - Metal or Plastic Shell
  - 9, 15, 21, 25, 31, 37, 51-3 and 100 positions

- **Micro D Connector Saver Plug and Receptacle**
  - Standard or Low Profile Connector Wired
  - Metal or Plastic Shell
  - 9, 15, 21, 25, 31, 37, 51-3 and 100 positions

- **Micro D Circuit Plug and Receptacle**
  - Standard or Low Profile
  - Metal or Plastic Shell
  - 9, 15, 21, 25, 31, 37, and 51 positions

- **Micro D Power and Coax Combo Plug and Receptacle**
  - Standard Profile Wired, Solder Cup or PCB Metal Shell
  - Up to 10 Coax or 65 Signal positions

- **Micro D JSB Plug and Receptacle**
  - Wire to Wire, Wire to Board, Board to Board terminations
  - Center jackscrew and jackpost
  - 10, 11, 26, 35 positions

- **Micro D Overmolded Assemblies**
  - Custom Micro Connectors
  - Contact your local representative or [www.UltimateConnector.com](http://www.UltimateConnector.com)

- **Micro Circular Plug and Receptacle**
  - Pre-Wired, Solder Cup & Straight Tail versions
  - Metal or Plastic Shell
  - 5, 7, 12, 19 and 37 positions

- **Mechanical Latch Wired and Circuit Micro D Plug and Receptacle**
  - Standard Metal Shell
  - 9, 15, 21, 31, 37, and 51-3 positions

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**Above Micro Connectors also available in High Temperature -55°C to 200°C operating range**
Ulti-Mate Connector, Inc. provides one of the broadest Nano offerings in the industry. We are the only supplier providing metal and plastic shell configurations.

**Nano Miniature Connectors**

- **Wired Nano Plug and Receptacle**
  - Single Ended
  - Single or Dual Row
  - Metal or Plastic Housing
  - 9, 15, 21, 25, 31, 37, 51 and 65 Positions

- **PCB Nano Plug and Receptacle**
  - Right Angle SMT
  - Single or Dual Row
  - Metal or Plastic Housing
  - 9, 15, 21, 25, 31, 37, 51 and 65 Positions

- **PCB Nano Plug and Receptacle**
  - Vertical SMT
  - Single or Dual Row
  - Metal or Plastic Housing
  - 9, 15, 21, 25, 31, 37, 51 and 65 Positions

- **Latching Nano Plug and Receptacle**
  - Wired or PCB Configurations
  - Dual Row
  - Metal Housing
  - 9, 15, 21, 25, 31 and 37 Positions

- **Strip Nano Plug and Receptacle**
  - Wired or PCB Configurations
  - Single or Dual Row
  - 2 to 40 Positions Single Row
  - 21 Position Dual Row

- **Circular Nano Plug and Receptacle**
  - Wired or PCB Configurations
  - Plastic Inline
  - Metal Shell Break Away
  - Field Solderable
  - 7, 12 and 19 Positions

- **Hermaphroditic Nano Plug and Receptacle**
  - Wired or PCB Configurations
  - Dual Row
  - 4 to 20 Positions

- **Field Solderable Nano Plug and Receptacle**
  - Dual Row
  - Metal or Plastic Housing
  - 9, 15, 21, 25, 31, 37, 51 and 65 Positions

- **Nano Cable Assemblies**
  - Nano Overmolded Assemblies
  - Contact your local representative or www.UltimateConnector.com

**Benefits**
- True SMT tail design
- Design flexibility without tooling
- Meets or exceeds Military performance requirements
- -55C to 200C operating range
- Low cost repeatable quality

**Features**
- Flat Tail for Industry Leading Co-planarity
- Broad product offering
- MIL-DTL-32139 compatible
- LCP Bodies and Insulators
- Precision Formed Pin Contact
- Surface Mount and Thru Hole
- Single and Dual Row
- Board to Board
- Wire to Board
- Wire to Wire

**Applications**
- Military Electronics
- Defense Electronics
- Space vehicles
- Geophysical Exploration
- Medical Electronics
- UAV
- Offensive and Defensive Missiles
- Autonomous and Комmand
- Geophysical markets

**Qualification Testing**
- In process for MIL-DTL-32139 products

**Contact Information**
- Ulti-Mate Connector Inc.
- Ph. 714.637.7099
- Fx. 714.637.7464
- www.UltimateConnector.com

**Nano Overmolded Assemblies**
- Above Nano Connectors also available in High Temperature -55C to 200C operating range

**Additional Information**
- Ulti-Mate Connector Inc. has been producing world-class systems, predator drones, unmanned satellites, directional drilling interconnect needs of the Military, Aviation, Medical and Defense industries since 1977.
- From our facility in Orange, California we proudly serve the interconnect needs of the Military, Aviation, Medical and Defense industries since 1977.
- Utili-Mate Connectors has been producing world-class systems, predator drones, unmanned satellites, directional drilling markets. Our reputation for innovation and quality and outgassing, when necessary.
Ulti-Mate Connector Inc. has introduced a new, cost effective solution to traditional Stainless Steel and Aluminum shells, for when grounding and shielding is not required. We now offer metal or plastic shell connectors that are manufactured and tested to meet the requirements of MIL-DTL-32139.*

**CONFIGURATIONS INCLUDE**
- Wire to Wire
- Wire to Board
- Board to Board
- Single and Dual Row
- Surface Mount and Thru Hole

**FEATURES**
- Precision Formed Pin Contact
- LCP Bodies and Insulators
- MIL-DTL-32139 compatible
- Broad product offering
- Flat Tail for Industry Leading Co-planarity

**APPLICATIONS**
- Defense Electronics
- Medical Electronics
- Geophysical Exploration
- Electronic surveillance
- Space vehicles
- UAV

**BENEFITS**
- Low cost repeatable quality
- -55C to 200C operating range
- Meets or exceeds Military performance requirements
- Design flexibility without tooling
- True SMT tail design

* Ulti-Mate Connector Inc. is in the process of qualification testing for MIL-DTL-32139 products.
CUSTOM CABLE ASSEMBLIES

For more than 25 years, Ulti-Mate Connector Inc. has provided custom cable assemblies to customers in the medical, commercial, aviation, geophysical and military aerospace markets.

Examples of end applications comprised of commercial cargo loading equipment, avionic antenna networks, submarine communications systems, as well as missile launch and guidance systems. Our team is ready to make your custom cable concept a reality.