

36.45 (1.435) MAX  
30.86 ± 0.13 (1.215 ± .005)  
26.70 (1.051) MAX

**260°C**

# Micro-D connectors



MIL DTL 83513  
COMPLIANT

WITHSTANDS  
2220 HOURS

## HEADQUARTERS

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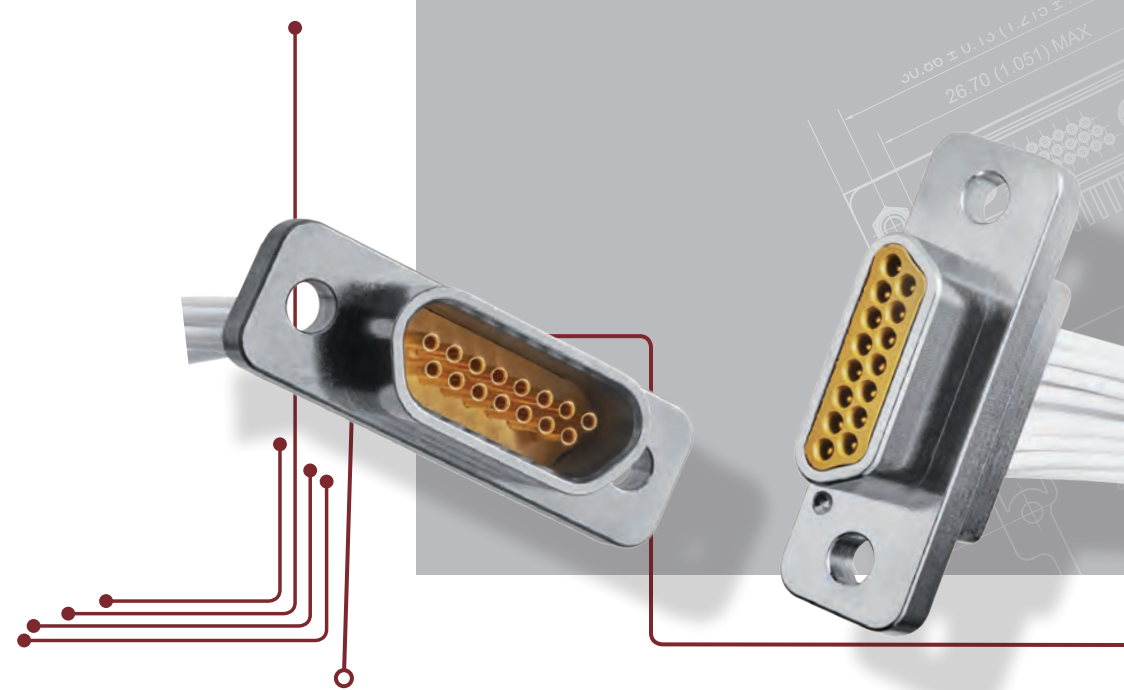
## Expert in Micro-D connectors

Standard micro-D connectors are typically rated to +125°C. But with electronic devices in many industries frequently being exposed to ever increasing temperatures, Axon' has achieved a technological breakthrough: a genuine range of Micro-D connectors withstanding temperatures as high as 260°C, and fully in accordance with the demanding MIL-DTL-83513 Micro-D standard.

At 260°C Axon's High Temperature Micro-D easily outlasts any comparable connector on the market. By its very design, the Micro-D connector system meets a wide range of challenging requirements: robustness, durability, low contact resistance, high current, dielectric strength, and high levels of vibration and shock. And with 1.27 mm (0.50") contact spacing, the Micro-D connector, half the pitch of D-Sub connectors represents an excellent weight saving solution.

## About Axon' Cable

Headquartered in the beautiful Champagne region of France, Axon' is a worldwide leader in specialist interconnects. The company excels in the design and manufacture of wires, cables, terminated harnesses and interconnects solutions for high technology applications.



# 260°C Micro-D Connectors

### HIGH PERFORMANCE MATERIALS

This ground-breaking 260°C Micro-D is dimensionally identical to a standard Micro-D and achieves all the same performances in terms of mechanical resistance and electrical insulation. Axon's proprietary 260°C Micro-D resin makes it possible for the connector to withstand 2220 hours with no degradation in electrical or mechanical performance. The all-important Twist pin contacts have been specifically re-engineered to provide fast and reliable mating and de-mating in the harshest of environments. Axon's 260°C Micro-D connectors are also compatible with the D-Click® fast-latching system allowing the customer to integrate this new Micro-D technology with no tools in space-constrained systems where access to the connector is difficult.

### TECHNICAL CHARACTERISTICS

- Continuous operating temperatures up to 260°C
- Nickel plated aluminum, stainless steel or Titanium Shells
- High performance composite insert
- PTFE jacket insulation with nickel plated copper conductor
- Special alloy for high temperature resisting contacts
- Proprietary resin capable of withstanding differential expansions at temperature
- Available in all standard pin counts from 9 to 100 way

### COMPETITIVE ADVANTAGES

- High performance
- Weight and space saving
- Meets the MIL-DTL-83513 requirements
- High temperature twist pin contacts
- Space saving wiring solutions
- Excellent durability and electrical resistance
- Excellent contact resistance (insertion/retention)
- Custom designed connectors & cable assemblies
- Optional D-Click fast-latching system for fast integration

### D-Click connectors



- Axon' has enlarged its range of highly reliable Micro-D connectors by developing D-Click fast latching connectors.
- Equipped with an easy-to-use mating and latching system, this technology enables a much faster installation during harness integration.
- Requiring no tooling for integration, D-Click Micro-Ds are fully compatible with existing PCB layouts
- D-Click connectors are available from 9 to 37 ways.

### Applications

OIL & GAS | SCIENTIFIC RESEARCH | AERONAUTICS | SPACE | ANY OTHER APPLICATION REQUIRING HIGH TEMPERATURES