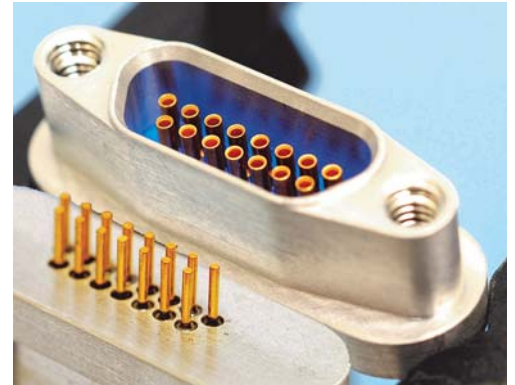


SOURIAU PA&E

AI Direct Seal Hermetic Micro-D

- ✓ Lightweight Aluminum Connector
- ✓ Interface Conforms to MIL-PRF-83513
- ✓ Copper Alloy Pins
- ✓ Ceramic-to-Metal Seal
- ✓ Laser Weld Installation



These Micro-D connectors meet the same interface requirements as our robust mil-spec compliant connectors. The controlled CTE characteristics, chemical bonding properties and polycrystalline structure of Kryoflex, allow SOURIAU PA&E to use gold plated beryllium copper contacts for excellent electrical performance and environmental characteristics.

Specifications and testing configuration:

PERFORMANCE CONFIGURATIONS		MICRO-D					
		LOW PROFILE, FLANGED	LOW PROFILE, NOT FLANGED	STANDARD PROFILE, FLANGED	STANDARD PROFILE, 0-RING, FLANGED	STANDARD PROFILE, DOUBLE-ENDED	STANDARD PROFILE, SOLDER-IN
SPECIFICATIONS	MATERIAL COMPATIBILITY	Designed for Aluminum applications					
	CONTACT MATERIAL	Beryllium Copper CDA Alloy 172/173					
	SHELL FINISH OPTIONS	Chromate Conversion Coated per MIL-C-5541					
	CONTACT FINISH	Nickel/Gold Plating					
	INTERFACE	Per MIL-PRF-83513					
	NUMBER OF CONTACTS	9, 15, 21, 25, 31 and 37					
	OPTIONAL SOLDER CUP	Accepts 24 to 30 AWG solid/stranded wire					
PERFORMANCE	LEAK RATE	Less than 1X10 ⁻⁵ cc/sec Helium at 1 atmospheric differential pressure					
	INSULATION RESISTANCE	Provide greater than 5,000 Megohms at 500 VDC when tested in IAW MIL-STD-1344, Method 3003					
	DIELECTRIC WITHSTANDING VOLTAGE	Connectors exhibit no evidence of breakdown or flashover when tested in IAW MIL-STD-1344, Method 3003					
	CORROSION	Connectors meet salt spray test in IAW MIL-STD-1344, Method 3003					
	OPERATING TEMPERATURE	-55°C to 125°C					

SOURIAU PA&E

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ISO 9001:2008/
AS9100

