

177-859
MIL-DTL-83513 Type Micro-D Hermetic Connectors
 Shell Size 9-21 Front Panel Mount



Micro-D
 Hermetic



Fluorosilicone O-Ring eliminates the cost of soldering the connector to a bulkhead.

Kovar® Shells and Contacts comply with applicable MIL-DTL-83513 requirements and are 100% intermateable with standard connectors.

How To Order Hermetic Micro-D Connectors with Solder Cup or PC Tail			
Sample Part Number	177-859	15	-1
Series	177-859 Micro-D Hermetic		
Number of Contacts	-9, -15, -21 (Table II)		
O-Ring Material	-1 - Viton	-02 - Nitrile	-3 - Fluorosilicone -4 - Silicone -5 - Conductive



Table II: Contact Dimensions							
Layout.	A	B	C	D	E	F	G
9	1.176	0.565	0.380	0.600	0.776	0.976	0.500
15	1.326	0.715	0.530	0.750	0.926	1.126	0.650
21	1.416	0.865	0.680	0.840	1.016	1.216	0.725

Notes

- Conductive o-ring material - chomerics 1215 or equivalent.
- Glenair's 177-859 hermetic socket connector mates with all standard MIL-DTL-83513 pin connectors (mwdm series).
- Performance:
 - Hermeticity: 1×10^{-8} Scche/sec @ 1 atmosphere differential
 - Dielectric withstanding voltage: sea level 150 vac
 - Insulation resistance: 5000 megohms max.
 - Assembly to be identified with Glenair's name, part number and date code space permitting.

Material/finish

- Shell: Kovar alloy/electro-deposited nickel socket cocontacts: Kovar® alloy/gold plate interfacial
- Seal: fluorosilicone elastomer