



1770-5600
MIL-DTL-83513 Type Micro-D Hermetic Connectors
Shell Size 9-51 Front Panel Mount



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

Sample Part Number	1770-5600	-21	-SS	-1
Series	1770-5600 Micro-D Hermetic Connectors with Socket Shell, PC Tail or Solder Cup Contacts			
Number of Contacts	See Dimensions Table			
Contact Type	SS = Socket Solder Cup SP = Socket, PC Tail			
O-Ring Material	-1 = Viton -2 = Nitrile -3 = Fluorosilicone -4 = Silicone -5 = Conductive*			

*-5 O-ring material: Silver-plated copper-filled silicone.

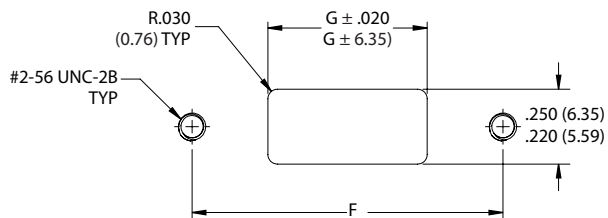
Dimensions

Number of Contacts	A	B	C	D	E	F	G
9	1.176 (29.87)	0.565 (14.35)	0.380 (9.65)	0.600 (15.24)	0.776 (19.71)	0.976 (24.79)	0.500 (12.70)
15	1.326 (33.68)	0.715 (18.16)	0.530 (13.46)	0.750 (19.05)	0.926 (23.52)	1.126 (28.60)	0.650 (16.51)
21	1.416 (35.97)	0.865 (21.97)	0.680 (17.27)	0.840 (21.34)	1.016 (25.81)	1.216 (30.89)	0.725 (18.42)
25	1.616 (41.05)	0.965 (24.51)	0.830 (21.08)	1.040 (26.42)	1.216 (30.89)	1.416 (35.97)	0.875 (22.23)
31	1.716 (43.59)	1.115 (28.32)	0.980 (24.89)	1.140 (28.96)	1.316 (33.43)	1.516 (38.51)	1.025 (26.03)
37	1.906 (48.41)	1.265 (32.13)	1.130 (28.70)	1.330 (33.78)	1.506 (38.25)	1.706 (43.33)	1.175 (29.85)
51	2.006 (50.95)	1.215 (30.86)	1.280 (32.51)	1.430 (36.32)	1.606 (40.79)	1.806 (45.87)	1.325 (33.65)

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Material/finish

- Shell: kovar alloy/electro-deposited nickel
- Socket contacts: kovar alloy/gold plate
- Interfacial seal: fluorosilicone elastomer
- Hermetic insulator: full glass/N.A.
- O-ring: See How to Order table



**RECOMMENDED
PANEL CUT-OUT**

Performance

- Hermeticity: 1×10^{-7} sccHe/sec @ 1 atm differential
- Dielectric withstanding voltage: sea level 150 VAC
- Insulation resistance: 5000 megohms max

Notes

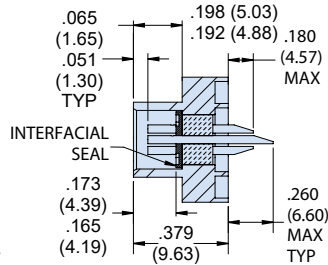
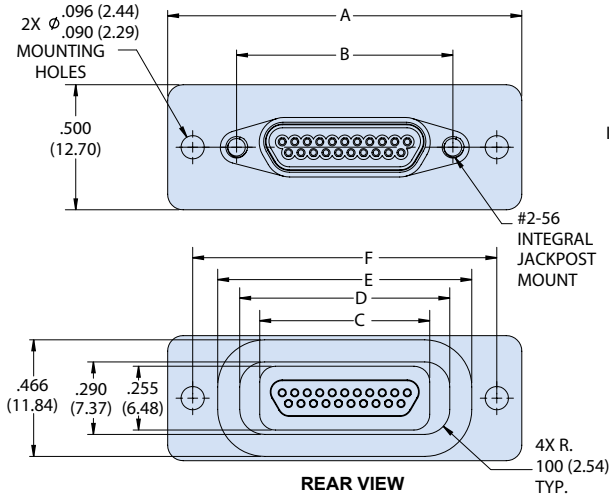
- Glenair's 1770-5600 hermetic socket connector mates with all standard MIL-DTL-83513 pin connectors.

1770-5600

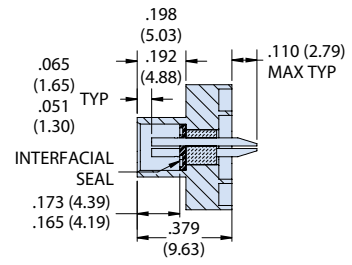
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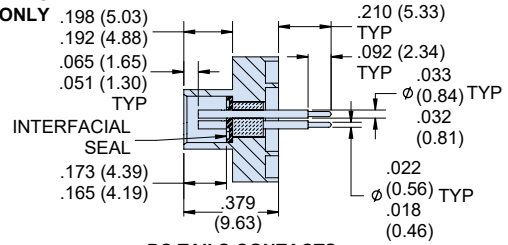
Micro-D
Hermetic



SOLDER CUP CONTACTS
FOR 51 CONTACTS ONLY



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