

MIL-DTL-83723 SERIES III TYPE Threaded and Bayonet Coupling



Quick Selection Guide

MIL-DTL-83723 Series III Threaded and Bayonet Coupling Hermetic Connectors

Glenair MIL-DTL-83723 Series III Hermetic connectors are offered in either passivated stainless steel or fused tin over cold rolled carbon steel, with glass insulators fused to the connector shell, and contacts meeting a leak rate of 1×10^{-7} cc/Helium per second.

Maximum design flexibility is built into the MIL-DTL-83723 hermetic connector— with a minimum of 2 to a maximum of 61 circuits per connector in a wide variety of

contact arrangements IAW MIL-STD-1554. Fluorosilicone elastomer interfacial and peripheral seals ensure positive sealing with plug connectors.

Gold plated nickel-iron alloy 52 contacts—available in sizes 12, 16 and 20—depending on the layout chosen—offer a broad selection of insert arrangement options. Solder cup, straight pin and PCB contact styles are standard.

QUICK SELECTION GUIDE		
Part Number	Description	Page
	MIL-DTL-83723 Series III Type Insert Arrangements	2
	Glenair Hermetic Connector Products Special Leak Rate Mod Codes	3
	Glenair Hermetic Connector Products Space Grade Mod Codes	4
	MIL-DTL-83723 Series III Type Insert Arrangements and Keyway Positions	5
230-023	Bayonet Coupling Square Flange Receptacle with Solder Terminals MIL-DTL-83723/79 Type	6
230-024	Bayonet Coupling Solder Flange Receptacle with Solder Terminals MIL-DTL-83723/80 Type	8
230-025	Bayonet Coupling Jam Nut Receptacle with Solder Terminals MIL-DTL-83723/81 Type	10
230-026	Bayonet Coupling Solder Flange Receptacle with Straight Pin Contacts MIL-DTL-83723/93 Type	12
230-027	Bayonet Coupling Jam Nut Receptacle with Straight Pin or PCB Contacts MIL-DTL-83723/94 Type	14
230-028	Threaded Coupling Square Flange Receptacle with Solder Terminals MIL-DTL-83723/88 Type	16
230-029	Threaded Coupling Jam Nut Receptacle with Solder Terminals MIL-DTL-83723/89 Type	18
230-030	Threaded Coupling Solder Flange Receptacle with Solder Terminals MIL-DTL-83723/90 Type	20