

MIL-DTL-38999 Type EMI/EMP Filter Connectors



EMI/EMP
Filters



PRODUCT FEATURES

- All Filter Connector Styles Meet or Exceed Applicable Military Standards
- C and Pi Circuit Filters from 400 pF to 240,000 pF
- All Connector Series are Intermateable with Standard (Non-Filtered) Plugs and Connector Adapters
- Broadest Range of Insert Arrangements for MIL-DTL-38999 Series I, II, III and IV
- PC Tail, Solder Cup and Crimp-Contact Versions
- Space-Grade Bake-Out Processing Available
- Transient Voltage Suppression Diodes Available

The Industry's Best Short Lead-Time Source for Planar Array Type EMI/EMP Filter Connectors

C

Military Standard Type Series

Glenair's family of circular military standard type EMI/EMP filter connectors is designed to meet stringent military/aerospace performance requirements. Each connector series is offered with standard low-pass Pi or C filter arrays, or with customized filters to meet specific frequency and capacitance requirements. Thermally conductive epoxy protects the filter package from mechanical and heat stress and also provides a waterproof seal. All filtered receptacles are intermateable with standard plugs and connector savers, and each respective series of connectors is supplied with a range of shell styles in both environmental and hermetic configurations. Please see the "How to Order" page for available styles for each series:

MIL-DTL-38999 Series I.....	C-2	MIL-DTL-38999 Series III.....	C-20
MIL-DTL-38999 Series II.....	C-12	MIL-DTL-38999 Series IV.....	C-38

MATERIAL AND FINISHES

Contacts	Beryllium Copper Alloy, 50 μ Inch Gold Plated per ASTM B488 Type 3, Code C, Class 1,27 over Nickel Underplate per QQ-N-290 Class 2. Socket Contact Hood: Corrosion Resistant Steel, Passivated.		
Insulator	Liquid crystal Polymer (LCP) per MIL-M-24519 GLP-30F, 30% Glass-Filled		
Interfacial Seal, O-Ring, and Peripheral Seal	Flourosilicone Elastomer per A-A-59588, Color Blue		
Shell, Jam Nut Material	Aluminum Alloy per ASTM B 211 or ASTM B 221 or Corrosion Resistant Steel per AMS-QQ-S-763		
Shell and Jam Nut Finish	Code M:	Electroless Nickel per AMS-C-26074 (96 Hour Salt Spray)	
	Code NF:	Olive Drab Cadmium per AMS-QQ-P-416 over Electroless Nickel (500 Hour Salt Spray)	
	Code P:	Stainless Steel with Electro-Deposited Nickel	
	Code MT:	Ni-PTFE 1000 Hour Grey™ (Nickel Flourocarbon Polymer) per MIL-DTL-38999 Rev. L	
Potting Compound	Thermally Conductive Epoxy		