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
- Broader 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

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.........................B-2
- MIL-DTL-38999 Series II.....................B-12
- MIL-DTL-38999 Series III....................B-20
- MIL-DTL-38999 Series IV....................B-38
- MIL-DTL-26482 Series II.....................B-44
- MIL-DTL-83723.................................B-52

MATERIAL AND FINISHES

<table>
<thead>
<tr>
<th>Contacts</th>
<th>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.</th>
</tr>
</thead>
<tbody>
<tr>
<td>Insulator</td>
<td>Liquid Crystal Polymer (LCP) per MIL-M-24519 GLP-30F, 30% Glass-Filled</td>
</tr>
<tr>
<td>Interfacial Seal, O-Ring, and Peripheral Seal</td>
<td>Fluorosilicone Elastomer per A-A-59588, Color Blue</td>
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<tr>
<td>Shell, Jam Nut Material</td>
<td>Aluminum Alloy per ASTM B 211 or ASTM B 221 or Corrosion Resistant Steel per AMS-QQ-S-763</td>
</tr>
</tbody>
</table>
| Shell and Jam Nut Finish | Code M: Electrolees 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 Fluorcarbon Polymer) per MIL-DTL-38999 Rev. L |
| Potting Compound | Thermally Conductive Epoxy                                                                                                                 |