



J - Jam Nut



247-026
MIL-DTL-38999 Series III
Hybrid Fiber Optic/Electrical
Filtered Jam Nut Mount Receptacle Connector



TABLE I: FINISH AND MATERIALS		
SYM	MATERIAL	FINISH DESCRIPTION
M	Aluminum	Electroless Nickel
NF		Cadmium O.D. Over Electroless Nickel Finish
MT		Ni-PTFE 1000 Hour Grey™

KEY AND KEYWAY LOCATION				
Position	A	B	C	D
N	80°	142°	196°	293°
A	135°	170°	200°	310°
B	49°	169°	200°	244°
C	66°	140°	200°	257°
D	62°	145°	180°	280°
E	79°	153°	197°	272°

APPLICATION NOTES

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|---|---|------------------|--------------|--------|-------|---------|-------|-------|--------|
| <p>1. Materials / Finishes:
 Shell - See Table I
 Contacts - Copper Alloy / Gold Plate
 Insulators - High Grade Thermoplastic / N.A.
 Capacitor Array - Ceramic Metalisation
 Potting - RTV and Epoxy
 Seals - Fluorosilicone</p> <p>2. Assembly to be identified with Glenair's name, part number and date code - space permitting.</p> <p>3. Electrical Performance: PI Filter
 A. Capacitance - 20 nF
 B. I.R. 5000 MegOhms at 100 VDC</p> | <p>C. DWV - 200 VDC</p> <p>D. Attenuation per MIL-STD-220 at 25° C</p> <table border="0" style="margin-left: 20px;"> <tr> <td style="text-align: right;"><u>Frequency</u></td> <td style="text-align: left;"><u>Value</u></td> </tr> <tr> <td style="text-align: right;">10 Mhz</td> <td>20 dB</td> </tr> <tr> <td style="text-align: right;">100 Mhz</td> <td>65 dB</td> </tr> <tr> <td style="text-align: right;">1 Ghz</td> <td>>70 dB</td> </tr> </table> <p>4. Optical Performance:
 <1 dB loss at 850 nm 50/125 Multimode Fiber</p> <p>5. All contacts are Non-Removable</p> <p>6. Metric Dimensions (mm) are indicated in parentheses.</p> | <u>Frequency</u> | <u>Value</u> | 10 Mhz | 20 dB | 100 Mhz | 65 dB | 1 Ghz | >70 dB |
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