



| ELECTRICAL |
|--|
| Nominal Impedance (Ohms) <u>50</u> |
| Frequency Range (GHz) DC to <u>18</u> |
| Volt Rating (VRMS MAX) @ Sea Level <u>335</u> |
| VSWR <u>1.35±.01F(GHz)</u> |
| Insertion Loss (dB MAX) <u>.07 F(GHz)</u> |
| RF Leakage (dB MIN) <u>-60dB</u> |
| Corona, 70,000 Ft (VRMS MIN) <u>250</u> |
| Dielectric Withstanding Voltage (VRMS MIN) @ Sea Level <u>1000</u> |
| Contact Resistance (Milliohms MAX) Center Contact <u>3.0</u> Outer Contact <u>2.0</u> Cable to Housing <u>N/A</u> |
| RF High Potential @ Sea Level (VRMS MIN @ 5 MHz) <u>670</u> |
| IR.(Megohms MIN) <u>5000</u> |

| MECHANICAL |
|---|
| Interface Dimensions MIL-STD-348, Fig. <u>310-2</u> |
| Recommended Mating Torque <u>7-10 In-Lbs</u> |
| Mating Characteristics: Insertion (MAX Lbs) <u>2.0</u> Withdrawal (MIN Oz) <u>1.0</u> |
| Force to Engage and Disengage (In/Lbs MAX) <u>2</u> |
| Center Contact Captivation Axial (Lbs) <u>6.0</u> Radial (In/Oz) <u>4.0</u> |
| Weight (Grams) <u>2.2</u> |

| ENVIRONMENTAL |
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| Temperature Rating <u>-65°C To 105°C</u> |
| Vibration MIL-STD-202, Method 204 204, Condition B |
| Shock MIL-STD-202, Method 213, Condition I |
| Thermal Shock MIL-STD-202, Method 107, Condition B, |
| Moisture Resistance MIL-STD-202, Method 106 |
| Corrosion - MIL-STD-202, Method 101, Condition B, 5% salt spray |
| .XXX=INCHES X.X=MILLIMETERS |

| COMPONENT | MATERIAL | FINISH | | | | | | | | | | | | | | | |
|--|--|---|---|--|---|--------------------|---|--------------------------------|--|---------------------|--------------|--|--|--------------------|--|--|--------------|
| HOUSING | STAINLESS STEEL PER ASTM-A484 AND ASTM- A582, TYPE 303 | PASSIVATE PER ASTM-A380 | | | | | | | | | | | | | | | |
| DIELECTRIC | TFE FLUOROCARBON PER ASTM-D-1457 | N/A | | | | | | | | | | | | | | | |
| CENTER CONTACT | BERYLLIUM COPPER PER ASTM-B 196, ALLOY C17300, CONDITION H | GOLD PLATE PER MIL-G-45204 OVER COPPER PLATE PER MIL-C-14550 | | | | | | | | | | | | | | | |
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