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COMPONENT	MATERIAL	FINISH	
- HOUSING	STAINLESS STEEL PER ASTM-A-484 OR ASTM-A-582 TYPE 303	PASSIVATED PER ASTM-A-380	
- DIELECTRIC	PTFE FLUORCARBON PER ASTM-D-1457	-	
- CENTER CONTACT	BERYLLIUM COPPER PER ASTM-B-196 OR ASTM-B-197 ALLOY C17300, CONDITION H	GOLD PLATED PER ASTM-B-488	
ENVIRONMENTAL			
TEMPERATURE RATING: -65° C TO +125° C			
VIBRATION: MIL-STD-202, METHOD 204, CONDITION B			
SHOCK: MIL-STD-202, METHOD 213, CONDITION 1			
MOISTURE RESISTANCE: MIL-STD-202, METHOD 106: EXCEPT VIBRATION			
CORROSION: MIL-STD-202, METHOD 101, CONDITION B. 5% SALT SPRAY			
THERMAL SHOCK: MIL-STD-202, METHOD 107B, CONDITION B			
MECHANICAL			
INTERFACE DIMENSIONS: MIL-STD-348A FIG. 310.2			
RECOMMENDED MATING TORQUE: 7-10 IN-LBS			
FORCE TO ENGAGE & DISENGAGE (IN-LBS MAX:) 2.0			
WEIGHT (GRAMS): TBD			
MATING CHARACTERISTICS: INSERTION (MAX LBS): 3.0			
WITHDRAWAL (MIN OZ): 1.0			
CABLE RETENTION: AXIAL FORCE (LBS): N/A			
TORQUE (IN-OZ): N/A			
CENTER CONTACT CAPTIVATION: AXIAL (LBS): 6.0			
RADIAL (IN-OZ): 4.0			
ELECTRICAL			
NORMAL IMPEDANCE (OHMS): 50			
FREQUENCY RANGE (GHz): DC TO 18			
VOLT RATING @ SEA LEVEL (VRMS MAX): 335			
VSWR: 1.05+.005 (fGHz)			
INSERTION LOSS: (dB MAX): .03 $\sqrt{f(\text{GHz})}$			
RF LEAKAGE (dB MIN): -[60-f(GHz)]			
CORONA 70,000 FT (VRMS MIN): 250			
DIELECTRIC WITHSTANDING VOLTAGE (VRMS MIN) AT SEA LEVEL: 1,000			
I.R. (MEGOHMS MIN): 10,000			
RF HIGH POTENTIAL AT SEA LEVEL (VRMS MIN @ 5 MHz): 670			
CONTACT RESISTANCE (MILLIOHMS MAX):			
CENTER CONTACT: 2.0			
OUTER CONTACT: 2.0			
CABLE TO HOUSING: N/A			

