

THIS DRAWING IS UNPUBLISHED.		RELEASED FOR PUBLICATION
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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		

