



ELECTRICAL	MECHANICAL	ENVIRONMENTAL	COMPONENT	MATERIAL	FINISH																				
Nominal Impedance (Ohms) 50 ±1	Interface Dimensions SEE CATALOG	Temperature Rating -65° to +125°C	HOUSING MOUNTING NUT LOCKWASHER	STAINLESS STEEL PER ASTM-A484 AND ASTM- A582, TYPE 303	GOLD PLATE PER MIL-G-45204																				
Frequency Range (GHz) DC to 28	Mating Characteristics:	Vibration MIL-STD-202, Method 204, Condition D	DIELECTRIC	PTFE FLUOROCARBON PER ASTM-D-1457	N/A																				
Volt Rating (VRMS MAX) Sea Level 335	Insertion (MAX Lbs) 3	Shock MIL-STD-202, Method 21B, Condition I	CENTER CONTACT	BERYLLIUM COPPER PER ASTM-B-196 OR ASTM-B-197, ALLOY C17300, CONDITION H	GOLD PLATE PER MIL-G-45204																				
VSWR 1.05±0.01 f(GHz)	Withdrawal (MIN Oz) 0.5	Thermal Shock MIL-STD-202, Method 107, Condition B	O-RING	FLUOROSILICONE 60 (DUROMETER) PER MIL-R-25988, CLASS 1, TYPE 1	N/A																				
Insertion Loss (dB MAX) .04x√f(GHz)	Force to Engage (In-Lbs MAX) 3 & Disengage (In-Lbs MAX) 15	Moisture Resistance MIL-STD-202, Method 106																							
RF Leakage (dB MIN) (Interface Only, Fully Mated) -90-f(GHz)	Center Contact Captivation Axial (Lbs) 4	Corrosion - MIL-STD-202, Method 101, Condition B																							
Corona, 70,000 Ft (VRMS MIN) 250	Cable Retention Axial Force (Lbs MIN) 30																								
Dielectric Withstanding Voltage (VRMS MIN) Sea Level 675	Torque (In-Oz MIN) 16																								
Contact Resistance (Milliohms MAX)	Weight (Grams) TBD																								
Center Contact 6.0																									
Outer Contact 3.0																									
Cable to Housing 0.5																									
RF High Potential Sea Level (VRMS MIN) 5 MHz 670																									
IR (Megohms MIN) 5000																									
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