



REVISIONS			
REV	DESCRIPTION	DATE	APPROVED
02.4	REVISED PER ECN 97-0358-2	10/24/97	Tubg

ELECTRICAL	MECHANICAL	ENVIRONMENTAL	COMPONENT	MATERIAL	FINISH																														
Nominal Impedance (Ohms) 50 Frequency Range (GHz) DC to 18 Volt Rating (VRMS MAX) Sea Level 335 VSWR 1.05 + .005f GHz Insertion Loss (dB MAX) .03 √f GHz RF Leakage (dB MIN) -(60-f)(GHz) Corona, 70,000 Ft (VRMS MIN) 250 Dielectric Withstanding Voltage (VRMS MIN) Sea Level 1000 Contact Resistance (Milliohms MAX) Center Contact 3.0 Outer Contact 2.0 Cable to Housing N/A RF High Potential Sea Level (VRMS MIN) 5 MHz 670 I.R.(Megohms MIN) 10,000	Interface Dimensions MIL-STD-348A Fig. 310-2 Recommended Mating Torque 7-10 In-Lbs Mating Characteristics: Insertion (MAX Lbs) 3.0 Withdrawal (MIN Oz) 1.0 Force to Engage and Disengage (In/Lbs MAX) 2 Center Contact Captivation Axial (Lbs) 6.0 Radial (In/Oz) 4.0 Weight (Grams) 2.2	Temperature Rating -65°C To +125°C 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, Except Vibration Shall Be Omitted Corrosion - MIL-STD-202, Method 101, Condition B, 5% salt spray .XXX = in XX.X = mm	HOUSING DIELECTRIC CENTER CONTACT	STAINLESS STEEL PER ASTM-A484 AND ASTM- A582, TYPE 303 TFE FLUOROCARBON PER ASTM-D-1457 BERYLLIUM COPPER PER ASTM-B-196 OR ASTM-B-197, ALLOY C17300, CONDITION H	GOLD PLATE PER MIL-G-45204 N/A GOLD PLATE PER MIL-G-45204																														
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CUSTOMER DRAWING AMP PART # 1052551-1 SHEET 1 OF 1 REV A