



REVISIONS			
REV	DESCRIPTION	DATE	APPROVED
05 ₂	REDRAWN IN CAD; ECN 97-0001	KYLE 8-27-97	8/27/97

.XXX = in
XX.X = mm (REF)

ELECTRICAL	MECHANICAL	ENVIRONMENTAL
Nominal Impedance (Ohms) 50	Interface Dimensions MIL-STD-348A Fig. 310.2	Temperature Rating -65°C To +165°C
Frequency Range (GHz) DC to 18	Recommended Mating Torque N/A	Vibration MIL-STD-202, Method 204, Condition D
Volt Rating (VRMS MAX) 333	Mating Characteristics: Insertion (MAX Lbs) 3.0	Shock MIL-STD-202, Method 213, Condition I
VSWR 1.05 + .01f(GHz)	Force to Engage and Disengage (in/Lbs MAX) 2.0	Thermal Shock MIL-STD-202, Method 107, Condition B
Insertion Loss (dB MAX) .04√f(GHz)	Center Contact Captivation Axial (Lbs) 6.0	Moisture Resistance: MIL-STD-202, Method 106
RF Leakage (dB MIN) -100 - 1(GHz)	Radial (in/Oz) N/A	Corrosion - MIL-STD-202, Method 101, Condition B, 5% salt spray
Carona, 70,000 Ft (VRMS MIN) 333	Weight (Grams) T.B.D.	Leak Test-MIL-STD-202, Method 112, Condition C
Dielectric Withstanding Voltage (VRMS MIN) 1000 @ Sea Level		(1 x 10 ⁻⁶ cc/sec/atm)
Contact Resistance (Milliohms MAX) Center Contact 10.0 Outer Contact 2.0		
RF High Potential (VRMS MIN @ 5 MHz) 667 @ Sea Level		
IR (Megohms MIN) 5000		

COMPONENT	MATERIAL	FINISH
HOUSING	STAINLESS STEEL PER ASTM-A484 AND ASTM-A582, TYPE 303	GOLD PLATE PER MIL-G-45204
DIELECTRIC	PTFE FLUOROCARBON PER ASTM-D-1457	N/A
CENTER CONTACT	BERYLLIUM COPPER PER ASTM-B-196 OR ASTM-B-197, ALLOY C17300, CONDITION H	GOLD PLATE PER MIL-G-45204
CONTACT EXT	IRON-NICKEL-COBALT ALLOY PER MIL-I-23011 CLASS 1 (KOVAR)	GOLD PLATE PER MIL-G-45204
HERMETIC SEAL	GLASS BEAD	N/A

UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES	DRAWN BY	DATE	AMP Incorporated 140 Fourth Avenue Waltham, MA 02451-7599
	BDW	9-29-88	
FRAC. DEC. ANGLES + 1/64 +.005 * °	CHECKED BY		TITLE "OSM" PANEL FEEDTRU JACK RECEPTACLE- HERMETIC SEAL
	G.S	4-29-88	
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	G.D	5-5-88	
USE ASSY PROCEDURE	NO. A.P.	N/A	REV 05 ₂ SHEET 1 OF 1

CUSTOMER DRAWING AMP PART # 1053141-1 SHEET 1 OF 1 REV A