



REVISIONS			
REV	DESCRIPTION	DATE	APPROVED
01 ₁	RELEASED	3/10/97	<i>RAC</i>

ELECTRICAL	MECHANICAL	ENVIRONMENTAL
Nominal Impedance (Ohms) <u>50</u>	Interface Dimensions MIL-STD-348A, Fig. <u>310-2</u>	Temperature Rating <u>-65 TO +165°C</u>
Frequency Range (GHz) DC to <u>18</u>	Recommended Mating	Vibration MIL-STD-202, Method 204, Condition B
Volt Rating (VRMS MAX)	Torque <u>7-10 IN-LBS</u>	Shock MIL-STD-202, Method 213, Condition I
⊕ Sea Level <u>335</u>	Mating Characteristics:	Thermal Shock MIL-STD-202, Method 107, Condition B, Except High Temp +85°C
VSWR <u>1.05 + .005 f(GHz)</u>	Insertion (MAX Lbs) <u>4.0</u>	Moisture Resistance MIL-STD-202, Method 106
Insertion Loss (dB MAX) <u>.2dB</u>	Withdrawal (MIN Oz) <u>1.0</u>	Corrosion - MIL-STD-202, Method 101, Condition B, 5% salt spray
RF Leakage (dB MIN) <u>90dB</u>	Force to Engage and Disengage (In-Lbs MAX) <u>2.0</u>	
Corona, 70,000 Ft (VRMS MIN) <u>250</u>	Center Contact Captivation	
Dielectric Withstanding Voltage (VRMS MIN) ⊕ Sea Level <u>1,000</u>	Axial (Lbs) <u>6.0</u>	
Contact Resistance (Milliohms MAX)	Radial (In-Oz) <u>N/A</u>	
Center Contact <u>3.0</u>	Cable Retention	
Outer Contact <u>2.0</u>	Axial Force (Lbs) <u>N/A</u>	
Cable to Housing <u>N/A</u>	Torque (In-Oz) <u>N/A</u>	
RF High Potential ⊕ Sea Level (VRMS MIN ⊕ 5 MHz) <u>670</u>	Weight (Grams) <u>TBD</u>	
I.R.(Megohms MIN) <u>10,000</u>		

COMPONENT	MATERIAL	FINISH
HOUSING	STAINLESS STEEL PER ASTM-A484 AND ASTM-A582, TYPE 303	PASSIVATE PER QQ-P-35
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

UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES	DRAWN BY TM WAGNER	DATE 10/17/97	 AMP Incorporated 140 Fourth Avenue Waltham, MA 02451-7599
FRAC. ± 1/64	DEC. ± .005	ANGLES ± 1°	
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USE ASS'Y PROCEDURE	NO. A.P. <u>N/A</u>	TITLE <u>"SMA" STRAIGHT 2 HOLE FLG MOUNT JACK ACCEPT .036 DIA PIN</u>	
SCALE <u>6:1</u>	SIZE <u>B</u>	CODE IDENT NO. <u>26805</u>	REV <u>01₁</u>
		<u>2052-3359-02</u>	SHEET 1 OF 1

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