



REVISIONS			
REV	DESCRIPTION	DATE	APPROVED
010	RELEASED	3/24/97	S. Morby

NOTES:
1. CAPTURED CENTER CONTACT

ELECTRICAL	MECHANICAL	ENVIRONMENTAL
Nominal Impedance (Ohms) <u>50</u>	Interface Dimensions MIL-STD-348A, Fig. 310.2	Temperature Rating <u>-65°C to +165°C</u>
Frequency Range (GHz) <u>DC to 6</u>	Recommended Mating	Vibration MIL-STD-202, Method 204, Condition D
Volt Rating (VRMS MAX) <u>Sea Level 335</u>	Torque <u>3-5 in-lbs (0.34-0.57 Nm)</u>	Shock MIL-STD-202, Method 213, Condition I
VSWR <u>1.40:1</u>	Mating Characteristics:	Thermal Shock MIL-STD-202, Method 107, Condition A
Insertion Loss (dB MAX) <u>.07√f(GHz)</u>	Insertion (MAX Lbs) <u>3.0 (1.36 Kg)</u>	Moisture Resistance MIL-STD-202, Method 106, except step 7b is omitted. No measurement at high humidity. Insulation resistance shall be at least 200 Megohms within 5 minutes after removal from humidity.
RF Leakage (dB MIN) <u>-90 @ 2 to 3 GHz</u>	Withdrawal (MIN Oz) <u>1.0 (28.35 g)</u>	
Corona, 70,000 Ft (VRMS MIN) <u>250</u>	Force to Engage and Disengage (in-Lbs MAX) <u>2.0 (0.23 Nm)</u>	
Dielectric Withstanding Voltage (VRMS MIN) <u>Sea Level 1000</u>	Center Contact Captivation	
Contact Resistance (Milliohms MAX)	Axial (Lbs) <u>6.0 (2.7 Kg) MIN</u>	
Center Contact <u>3.0</u>	<u>FROM INTERFACE</u>	
Outer Contact <u>2.0</u>	Axial (Lbs) <u>4.0 (1.8 Kg) MIN</u>	
Cable to Housing <u>N/A</u>	<u>FROM FLANGE</u>	
RF High Potential <u>Sea Level (VRMS MIN @ 5 MHz) 670</u>	Radial (in-Oz) <u>4.0 (0.028 Nm)</u>	
I.R.(Megohms MIN) <u>5,000</u>	Weight (Grams) <u>TBD</u>	

COMPONENT	MATERIAL	FINISH
HOUSING	BRASS PER ASTM-B-16 HALF HARD OR CZ121 PER BS2874	GOLD PLATE
DIELECTRIC	TFE 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

UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES TOLERANCE ON	DRAWN BY <u>S. Morby</u> DATE <u>01/13/97</u>	 AMP Incorporated 140 Fourth Avenue Waltham, MA 02451-7599
FRAC. DEC. ANGLES	CHECKED BY	
<u>+1/64</u> <u>+.005</u> <u>± 1°</u>	APPD BY	

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	NO. AP. <u>N/A</u>	SIZE <u>B</u> CODE IDENT NO. <u>26805</u> 2252-1392-09 REV <u>010</u>
		SCALE <u>4:1</u> SHEET 1 OF 1

CUSTOMER DRAWING

AMP PART # 1222728-1
SHEET 1 OF 1 REV A