



REVISIONS			
REV	DESCRIPTION	DATE	APPROVED
01 <sub>1</sub>	REVISED	KYLE 5-23-97	7/8/97

ELECTRICAL	MECHANICAL	ENVIRONMENTAL
Nominal Impedance (Ohms) 50	Interface Dimensions MIL-STD-348A, Fig 304-1 & 2	Temperature Rating -65 TO +165°C
Frequency Range (GHz) DC to 18.0	Recommended Mating Torque 6 TO 10 IN-LBS	Vibration, high frequency: Interruptions - 1 microsecond, max
Volt Rating (VRMS MAX) Sea Level 1,000	Mating Characteristics: Insertion (MAX Lbs) 2.0	Shock MIL-STD-202, Method 213, Condition I
VSWR 1.30 MAX @ 0.5 TO 9 GHz	Withdrawal (MIN Oz) 2.0	Thermal Shock MIL-STD-202, Method 107, Condition c
Insertion Loss (dB MAX) .05 V(GHz)	Force to Engage and Disengage (in-Lbs MAX) 6.0	Moisture Resistance MIL-STD-202, Method 106
RF Leakage (dB MIN) -90 @ 2-3 GHz	Center Contact Captivation Axial (Lbs) 6.0	Corrosion - MIL-STD-202, Method 101, Condition B, 5% salt spray
Corona, 70,000 Ft (VRMS MIN) 500	Radial (in-Oz) N/A	
Dielectric Withstanding Voltage (VRMS MIN) Sea Level 2,500	Cable Retention Axial Force (Lbs) N/A	
Contact Resistance (Milliohms MAX) Center Contact 1.5	Torque (in-Oz) N/A	
Outer Contact 0.3	Weight (Grams) TBD	
RF High Potential Sea Level (VRMS MIN @ 5 MHz) 1,500		
IR (Megohms MIN) 5,000		

COMPONENT	MATERIAL	FINISH
HOUSING COUPLING NUT	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
RETAINING RING	PHOSPHOR BRONZE PER QQ-B-750, GRADE B2	N/A
GASKET	SILICONE RUBBER PER ZZ-R-765	N/A

UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES	DRAWN BY B.C. 10-12-79	DATE 10-12-79	AMP Incorporated 140 Fourth Avenue Waltham, MA 02451-7599
FRAC. ± 1/64 DEC. ± .005 ANGLES ± °	CHECKED BY R.S. 10-12-79	APPD BY J.R. 11-13-79	
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SIZE B	CODE IDENT NO. 26805	3682-0000-02	REV 01 <sub>1</sub>
SCALE 3:1			SHEET 1 OF 1

CUSTOMER DRAWING AMP PART # 1058663-1 SHEET 1 OF 1 REV A