



REVISIONS			
REV	DESCRIPTION	DATE	APPROVED
010	RELEASED	12/22/98	S. Morby

ELECTRICAL	MECHANICAL	ENVIRONMENTAL
Nominal Impedance (Ohms) <u>50</u>	Interface Dimensions MIL-STD-348A	Temperature Rating <u>-65°C to 165°C</u>
Frequency Range (GHz) <u>DC to 4.0</u>	<u>SMA - 310.2</u>	Vibration MIL-STD-202, Method 204, Condition D
Volt Rating (VRMS MAX)	<u>BNC - 301.2</u>	Shock MIL-STD-202, Method 213, Condition I
@ Sea Level <u>335</u>	Recommended Mating Torque	Thermal Shock MIL-STD-202, Method 107, Condition B,
VSWR <u>1.30</u> Max. 0.5 to 4.0 GHz	<u>SMA - 7-10 in-Lbs</u>	Moisture Resistance MIL-STD-202, Method 106 Shall Be Omitted
Insertion Loss (dB MAX) <u>0.2√f(GHz)</u>	<u>BNC - N/A</u>	Corrosion - MIL-STD-202, Method 101, Condition B, 5% salt spray
RF Leakage (dB MIN) <u>-55, 2 to 3 GHz</u>	Mating Characteristics:	
Corona, 70,000 Ft (VRMS MIN) <u>250</u>	<u>SMA</u> <u>BNC</u>	
Dielectric Withstanding Voltage (VRMS MIN) @ Sea Level <u>1,500</u>	Insertion (Lbs) <u>3.0</u> <u>2.0</u>	
Contact Resistance (Milliohms MAX)	Withdrawal (Oz) <u>1.0</u> <u>1.0</u>	
Center Contact <u>4.1</u>	Force to Engage/Disengage	
Outer Contact <u>2.2</u>	Longitudinal (Lbs) <u>N/A</u> <u>3.0</u>	
RF High Potential @ Sea Level	Torque (in-Lbs) <u>2.0</u> <u>2.5</u>	
(VRMS MIN @ 5 MHz) <u>670</u>	Contact Retention	
I.R.(Megohms MIN) <u>5,000</u>	Axial (Lbs) <u>6.0</u>	
	Radial (in-Oz) <u>N/A</u>	
	Weight (Grams) <u>TBD</u>	

COMPONENT	MATERIAL	FINISH
HOUSING (BNC)	BRASS PER ASTM-B-16, HALF HARD	GOLD PLATE PER MIL-G-45204
HOUSING (SMA)	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	FRAC. ± 1/64	DEC. ±.005	ANGLES ± 1°	DRAWN BY <i>S. Morby</i> DATE 12/22/98 CHECKED BY APPD BY <i>S. Morby</i> DATE 12/22/98	AMP Incorporated 140 Fourth Avenue Waltham, MA 02451-7599
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USE ASS'Y PROCEDURE		TITLE BNC JACK TO OSM JACK BETWEEN SERIES ADAPTER			
NO. AP. <u>N/A</u>		SIZE B	CODE IDENT NO. 26805	3280-2240-00	REV 010
SCALE 4:1		N/A		SHEET 1 OF 1	

CUSTOMER DRAWING

AMP PART # 1058058-1
SHEET 1 OF 1 REV A