


REVISIONS			
REV	DESCRIPTION	DATE	APPROVED
011	TITLE BLOCK - 26805 WAS 16179, DELETED ELEC. & MECH. REQ NOTE PER ECN 91-0031-2	CW 1/8/91	MC 1-8-91
012	REVISED AND REDRAWN PER ECN 88-0678	<del>CW</del> 12/18/91	CAS 1/7/92

ELECTRICAL	MECHANICAL	ENVIRONMENTAL
Nominal Impedance (Ohms) <u>50</u>	Interface Dimensions per MIL-STD-348A	Temperature Rating <u>-65°C to +165°C</u>
Frequency Range (GHz) DC to <u>15</u>	<u>OSN - Fig. 304.1</u>	Vibration MIL-STD-202, Method 204, Condition
Volt Rating (VRMS MAX) @ Sea Level <u>335</u>	<u>OSM - Fig. 310.2</u>	Shock MIL-STD-202, Method 213, Condition I
VSWR <u>1.06+0.005f(GHz)</u> DC to 12.4 GHz	Recommended Mating Torque <u>12-15 In-Lbs</u>	Thermal Shock MIL-STD-202, Method 107, Condition C,
<u>0.83+0.023f(GHz)</u> 12.4 to 15.0 GHz	Mating Characteristics:	Moisture Resistance MIL-STD-202, Method 106 200 Megohms Min
Insertion Loss (dB MAX) <u>.18dB @ 9 GHz</u>	Insertion <u>3 Lbs MAX</u>	
RF Leakage (dB MIN) <u>-65, 2 to 3 GHz</u>	Withdrawal <u>1 Oz MIN</u>	
Corona, 70,000 Ft (VRMS MIN) <u>250</u>	Force to Engage/Disengage <u>2 In-Lbs MAX</u>	
Dielectric Withstanding Voltage (VRMS MIN) @ Sea Level <u>1000</u>	Contact Retention:	
Contact Resistance (Milliohms MAX)	Axial (Lbs) <u>6 MIN</u>	
Center Contact <u>4.1</u>	Radial (In-Oz) <u>4 MIN</u>	
Outer Contact <u>2.2</u>	Weight (Grams) <u>TBD</u>	
RF High Potential @ Sea Level (VRMS MIN @ 5 MHz) <u>1000</u>		
LR.(Megohms MIN) <u>5000</u>		

COMPONENT	MATERIAL	FINISH
HOUSING COUPLING NUT	STAINLESS STEEL PER ASTM-A484 AND ASTM-A582, TYPE 303	PASSIVATE PER ASTM-A380
DIELECTRIC	TFE FLUOROCARBON PER ASTM-D-1457	N/A
CENTER CONTACT	BERYLLIUM COPPER PER ASTM B 196, ALLOY C17300, CONDITION H	GOLD PLATE PER MIL-G-45204 OVER COPPER PLATE PER MIL-C-14550
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 <u>B. ST. HILAIRE</u> DATE <u>6/14/88</u>	 AMP Incorporated 140 Fourth Avenue Waltham, MA 02451-7599	
TOLERANCE ON	CHECKED BY <u>SNA</u> DATE <u>6/17/88</u>		
FRAC. DEC. ANGLES	APPD BY <u>B. CLEVELAND</u> DATE <u>6/14/88</u>		
± 1/64 ±.005 ± °	USE ASS'Y PROCEDURE	TITLE <u>OSN PLUG TO OSM JACK ADAPTER</u>	
These drawings and specifications are the property of Omni Spectra Incorporated and shall not be reproduced or copied or used in whole or in part as the basis for the manufacture or sale of items without written permission.	NO. AP. <u>N/A</u>	SIZE <u>B</u>	CODE IDENT NO. <u>26805</u>
		SCALE <u>3:1</u>	3082-4031-02
			REV <u>012</u>
			SHEET 1 OF 1

CUSTOMER DRAWING

AMP PART # 1057403-1  
SHEET 1 OF 1 REV A