



REVISIONS			
REV	DESCRIPTION	DATE	APPROVED
01 ₀	RELEASED	10-9-80	TONY S.
02 ₀	MAJOR CHANGE PER ECN 91-0416 REDRAWN AND UPDATED IN CAD PER ECN 88-0678 ADDED ELECTRICAL PER ECN 90-0493	EFH 6/7/91	S.T.M. 7-30-91

COMPONENT	MATERIAL	FINISH
HOUSING COUPLING NUT CAP	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	BERYLLIUM COPPER PER ASTM B 194, ALLOY C17200, CONDITION H	N/A
GASKET	SILICONE RUBBER PER ZZ-R-765	N/A

ELECTRICAL	MECHANICAL	ENVIRONMENTAL
Nominal Impedance (Ohms) <u>50</u>	Interface Dimensions MIL-STD-348A, Fig. 319.1 & 319.2	Temperature Rating <u>-65°C To + 165°C</u>
Frequency Range (GHz) DC to <u>18.0</u>	Recommended Mating	Vibration MIL-STD-202, Method 204, Condition D
Volt Rating (VRMS MAX)	Torque <u>7 To 8 In-Lbs</u>	Shock MIL-STD-202, Method 213, Condition I
@ Sea Level <u>250</u>	Mating Characteristics:	Thermal Shock MIL-STD-202, Method 107, Condition B
VSWR <u>1.07 + .010 f GHz</u>	Insertion (MAX Lbs) <u>3.0</u>	Moisture Resistance MIL-STD-202, Method 106, Except Vibration
Insertion Loss (dB MAX) <u>.05 √f(GHz)</u>	Withdrawal (MIN Oz) <u>1.0</u>	Shall Be Omitted
RF Leakage (dB MIN) <u>[-90-f(GHz)]</u>	Force to Engage and Disengage (In/Lbs MAX) <u>2.0</u>	Corrosion - MIL-STD-202, Method 101, Condition B, 5% salt spray
Corona, 70,000 Ft (VRMS MIN) <u>190</u>	Center Contact Captivation	
Dielectric Withstanding Voltage	Axial (Lbs) <u>6.0</u>	
(VRMS MIN) @ Sea Level <u>750</u>	Radial (In/Oz) <u>4.0</u>	
Contact Resistance (Milliohms MAX)	Cable Retention	
Center Contact <u>4.0</u>	Axial Force (Lbs) <u>N/A</u>	
Outer Contact <u>2.0</u>	Torque (In/Oz) <u>N/A</u>	
Cable to Housing <u>N/A</u>	Weight (Grams) _____	
RF High Potential @ Sea Level		
(VRMS MIN @ 5 MHz) <u>500</u>		
IR.(Megohms MIN) <u>5,000</u>		

UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES TOLERANCE ON FRAC. DEC. ANGLES ± 1/64 ±.005 ± °	DRAWN BY G.BEERS	DATE 10/3/80	AMP	AMP Incorporated 140 Fourth Avenue Waltham, MA 02451-7599	
	CHECKED BY K.DALY	DATE 10/9/80			
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 item(s) without written permission.	USE ASS'Y PROCEDURE		TITLE OSSM RIGHT ANGLE JACK TO PLUG ADAPTER		
	NO. AP. <u>N/A</u>		SIZE B	CODE IDENT NO. 26805	1088-0000-02
			SCALE 4:1	REV 02₀	
			SHEET 1 OF 1		

CUSTOMER DRAWING

AMP PART # 1045747-1
SHEET 1 OF 1 REV A