



REVISIONS			
REV	DESCRIPTION	DATE	APPROVED
01 ₀	RELEASED	10-12-70	CRW
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	GOLD PLATE PER MIL-G-45204 OVER NICKEL PLATE PER QQ-N-290
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 ±.010fGHz</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 RMK	DATE 9/22/70		AMP Incorporated	
	CHECKED BY PRB	10/3/70		140 Fourth Avenue Waltham, MA 02451-7599	
APPD BY CRW	10/12/70	TITLE OSSM RIGHT ANGLE JACK TO PLUG ADAPTER			
USE ASS'Y PROCEDURE	NO. AP. <u>N/A</u>	SIZE B	CODE IDENT NO. 26805	1088-0000-00	REV 02 ₀
		SCALE 4:1	SHEET 1 OF 1		

CUSTOMER DRAWING

AMP PART # 1045746-1
SHEET 1 OF 1 REV A