



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

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

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

UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES	DRAWN BY RMK DATE 9/22/70	AMP Incorporated 140 Fourth Avenue Waltham, MA 02451-7599
TOLERANCE ON FRAC. DEC. ANGLES ± 1/64 ±.005 ± °	CHECKED BY PRB DATE 10/3/70	
	APP'D BY CRW DATE 10/12/70	
USE ASSY PROCEDURE	TITLE OSSM RIGHT ANGLE JACK TO PLUG ADAPTER	
NO. AP. N/A	SIZE B	CODE IDENT NO. 26805
	SCALE 4:1	1088-0000-00
		REV 02 ₀
		SHEET 1 OF 1

CUSTOMER DRAWING

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