



REVISIONS			
REV	DESCRIPTION	DATE	APPROVED
014	ECN 92-0010	2/2/93	[Signature] 02/10/93

ELECTRICAL	
Nominal Impedance (Ohms)	50
Frequency Range (GHz)	DC to 40
Volt Rating (VRMS MAX)	
@ Sea Level	250
VSWR	1.10 +.01f(GHz)
Insertion Loss (dB MAX)	.04√f(GHz)
RF Leakage (dB MIN)	-[60-f(GHz)]
Corona, 70,000 Ft (VRMS MIN)	190
Dielectric Withstanding Voltage (VRMS MIN) @ Sea Level	750
Contact Resistance (Milliohms MAX)	
Center Contact	2.0
Outer Contact	2.0
Cable to Housing	N/A
RF High Potential @ Sea Level (VRMS MIN @ 5 MHz)	500
IR.(Megohms MIN)	5,000

MECHANICAL	
Interface Dimensions MIL-STD-348, Fig. 319.2	
Recommended Mounting Torque	5 In/Lbs
Mating Characteristics:	
Insertion (MAX Lbs)	3.0
Withdrawal (MIN Oz)	1.0
Force to Engage and Disengage (In/Lbs MAX)	2.0
Center Contact Captivation	
Axial (Lbs)	4.0
Radial (In-Oz)	3.0
Weight (Grams)	1.6

ENVIRONMENTAL	
Temperature Rating	-65°C to +125°C
Vibration MIL-STD-202, Method 204, Condition D	
Shock MIL-STD-202, Method 213, Condition I	
Thermal Shock MIL-STD-202, Method 107, Condition B, Except High Temp +115°C	
Moisture Resistance MIL-STD-202, Method 106, Except Vibration	
Shall Be Omitted	
Corrosion - MIL-STD-202, Method 101, Condition B, 5% salt spray	

HOUSING MOUNTING NUT LOCKWASHER	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
COMPONENT	MATERIAL	FINISH
UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES TOLERANCE ON	DRAWN BY BW DATE 5/17/68	AMP Incorporated 140 Fourth Avenue Waltham, MA 02451-7599
FRAC. DEC. ANGLES	CHECKED BY PRB DATE 5/17/68	
± 1/64 ±.005 ± °	APPD BY R. SMITH 5/17/68	
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 JACK TO OSSM JACK BULKHEAD FEEDTHRU ADAPTER
	NO. AP. N/A	SIZE B CODE IDENT NO. 26805 1084-0000-00 REV 014
		SCALE 6:1 SHEET 1 OF 1

AMP PART # 1045722-1
SHEET 1 OF 1 REV A