



REVISIONS			
REV	DESCRIPTION	DATE	APPROVED
01 <sub>2</sub>	REVISED	10/30/95	Com 10/30/95

COMPONENT	MATERIAL	FINISH
HOUSING MOUNTING NUT LOCKWASHER	STAINLESS STEEL PER ASTM-A484 AND ASTM-A582, TYPE 303	GOLD PLATE PER MIL-G-45204
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
CONTACT EXT.	IRON-NICKEL ALLOY PER ASTM-F-30	GOLD PLATE PER MIL-G-45204
O-RING	EPM PER ASTM-D2000-70	N/A
HERMETIC SEAL	GLASS BEAD	N/A

ELECTRICAL	MECHANICAL	ENVIRONMENTAL
Nominal Impedance (Ohms) 50	Interface Dimensions MIL-STD-348A, Fig. 310.2	Temperature Rating -65°C to +165°C
Frequency Range (GHz) DC to 18.0	Recommended Mating Torque 7 to 10 In-Lbs	Vibration MIL-STD-202, Method 204, Condition D
Volt Rating (VRMS MAX) @ Sea Level 335	Mating Characteristics:	Shock MIL-STD-202, Method 213, Condition I
VSWR 1.10 + .010 f(GHz)	Insertion (MAX Lbs) 3.0	Thermal Shock MIL-STD-202, Method 107, Condition C
Insertion Loss (dB MAX) .15√f(GHz)	Withdrawal (MIN Oz) 1.0	Moisture Resistance MIL-STD-202, Method 106
RF Leakage (dB MIN) -90	Force to Engage and Disengage (In-Lbs MAX) 2.0	Corrosion - MIL-STD-202, Method 101, Condition B, 5% salt spray
Corona, 70,000 Ft (VRMS MIN) 250	Center Contact Captivation	
Dielectric Withstanding Voltage (VRMS MIN) @ Sea Level 1000	Axial (Lbs) 6.0	
Contact Resistance (Milliohms MAX)	Radial (In-Oz) N/A	
Center Contact 12.0	Seal:	
Outer Contact 4.0	Hermetic: 1 x 10 <sup>-7</sup> cc/sec	
RF High Potential @ Sea Level (VRMS MIN @ 5 MHz) 670	Weatherproof: 30 psi MAX	
I.R.(Megohms MIN) 5000	Mounting Seal	
	Weight (Grams)	

UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES TOLERANCE ON		DRAWN BY: M. Downs 11-03-91		AMP Incorporated	
FRAC. ± 1/64	DEC. ± .005	CHECKED BY: J. Nelson 11/14/91	DATE: 11/14/91	140 Fourth Avenue Waltham, MA 02451-7599	
ANGLES ± 1°		APP'D BY: [Signature] 12/2/91		AMP	
These drawings and specifications are the property of M/A-COM 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 ASSY PROCEDURE		TITLE OSM BULKHEAD FEEDTHRU JACK TO JACK ADAPTER HERMETICALLY SEALED	
NO. AP. N/A		SIZE B	CODE IDENT NO. 26805	2084-1100-28	REV 01 <sub>2</sub>
		SCALE 3 : 1		SHEET 1 OF 1	