



REVISIONS			
REV	DESCRIPTION	DATE	APPROVED
012	REVISED	02/23/95	<i>AD</i>

ELECTRICAL
Nominal Impedance (Ohms) <u>50</u>
Frequency Range (GHz) DC to <u>18</u>
Volt Rating (VRMS MAX) @ Sea Level <u>335</u>
VSWR <u>1.06 + .01f(GHz)</u>
Insertion Loss (dB MAX) <u>.04 √f (GHz)</u>
RF Leakage (dB MIN) <u>-(100-f(GHz))</u>
Corona, 70,000 Ft (VRMS MIN) <u>333</u>
Dielectric Withstanding Voltage (VRMS MIN) @ Sea Level <u>1000</u>
Contact Resistance (Milliohms MAX) Center Contact <u>10.0</u> Outer Contact <u>2.0</u>
RF High Potential @ Sea Level (VRMS MIN @ 5 MHz) <u>667</u>
LR.(Megohms MIN) <u>5,000</u>

MECHANICAL
Interface Dimensions MIL-STD-348A <u>Fig. 310.2</u>
Recommended Mating Torque <u>N/A</u>
Mating Characteristics: Insertion (MAX Lbs) <u>3.0</u> Withdrawal (MIN Oz) <u>1.0</u>
Force to Engage and Disengage (In/Lbs MAX) <u>2.0</u>
Center Contact Captivation Axial (Lbs) <u>6.0</u> Radial (In/Oz) <u>N/A</u>
Weight (Grams) <u>TBD</u>

ENVIRONMENTAL
Temperature Rating <u>-65°C To 165°C</u>
Vibration MIL-STD-202, Method <u>204, Condition D, 20G's</u>
Shock MIL-STD-202, Method 107, Condition B
Thermal Shock MIL-STD-202, Method 107, Condition B, Except High Temp <u>115°C</u>
Moisture Resistance MIL-STD-202, Method 106
Corrosion - MIL-STD-202, Method <u>101, Condition B, 5% salt spray</u>

COMPONENT	MATERIAL	FINISH
HOUSING	STAINLESS STEEL PER ASTM-A484 AND ASTM- A582, TYPE 303	PASSIVATE PER QQ-P-35
DIELECTRIC	TFE FLUOROCARBON PER ASTM-D-1457	N/A
CENTER CONTACT	BERYLLIUM COPPER PER ASTM-B196, ALLOY C17300, CONDITION H	GOLD PLATE PER MIL-G-45204
CONTACT EXT. BUSHING	IRON-NICKEL-COBALT ALLOY PER MIL-I-23011 CLASS 1 (KOVAR)	GOLD PLATE PER MIL-G-45204
EMI GASKET	CONDUCTIVE ELASTOMERS PER MIL-G-83528	N/A
HERMETIC SEAL	GLASS BEAD	N/A

UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES TOLERANCE ON FRAC. DEC. ANGLES ± 1/64 ±.005 ± °	DRAWN BY <u>N.K.</u> DATE <u>10-29-86</u>	AMP AMP Incorporated 140 Fourth Avenue Waltham, MA 02451-7599
	CHECKED BY <u>J. Jones</u> 10-31-86 APPD BY <u>E.R.S.</u> 10-31-86	
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 OSM 4 HOLE FLANGE MOUNT JACK RECEPTACLE - FIELD REPLACEABLE
	NO. AP. <u>20-735</u> <u>408-04862</u>	SIZE <u>B</u> CODE IDENT NO. <u>26805</u> 2052-3351-02 REV <u>012</u>
	SCALE <u>5:1</u>	SHEET 1 OF 1