



ELECTRICAL
Nominal Impedance (Ohms) <u>50</u>
Frequency Range (GHz) DC to <u>18.0</u>
Volt Rating (VRMS MAX) @ Sea Level <u>335</u>
VSWR <u>1.05 + .005 f(GHz)</u>
Insertion Loss (dB MAX) <u>.07 √f(GHz)</u>
RF Leakage (dB MIN) <u>-(60-f(GHz))</u>
Corona, 70,000 Ft (VRMS MIN) <u>250</u>
Dielectric Withstanding Voltage (VRMS MIN) @ Sea Level <u>1000</u>
Contact Resistance (Milliohms MAX) Center Contact <u>3.0</u> Outer Contact <u>2.0</u> Cable to Housing <u>N/A</u>
RF High Potential @ Sea Level (VRMS MIN @ 5 MHz) <u>670</u>
LR.(Megohms MIN) <u>5,000</u>

MECHANICAL
Interface Dimensions MIL-STD-348, Fig. <u>310.2</u>
Recommended Mating Torque <u>7-10 IN LBS</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>4.0</u>
Cable Retention Axial Force (Lbs) <u>N/A</u> Torque (In/Oz) <u>N/A</u>
Weight (Grams) <u>2.2</u>

ENVIRONMENTAL
Temperature Rating <u>-65°C TO 105°C</u>
Vibration MIL-STD-202, Method 204, Condition D
Shock MIL-STD-202, Method 213, Condition I
Thermal Shock MIL-STD-202, Method 107, Condition A
Moisture Resistance MIL-STD-202, Method 106
Corrosion - MIL-STD-202, Method 101, Condition B, 5% salt spray

COMPONENT	MATERIAL	FINISH
HOUSING	STAINLESS STEEL PER ASTM-A484 AND ASTM- A582, TYPE 303	GOLD PLATE PER MIL-G-45204
DIELECTRIC	TFE FLUOROCARBON PER ASTM-D-1457 AND MIL-P-19468	N/A
CENTER CONTACT	BERYLLIUM COPPER PER ASTM-B196, ALLOY 173	GOLD PLATE PER MIL-G-45204
UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES TOLERANCE ON FRAC. DEC. ANGLES ± 1/64 ±.005 ± °		<p>DRAWN BY J.P.D. DATE 10/19/72</p> <p>CHECKED BY R.M.F. 10/19/72</p> <p>APP'D BY B.K.W. 10/19/72</p> <p>AMP Incorporated 140 Fourth Avenue Waltham, MA 02451-7599</p>
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.		<p>USE ASS'Y PROCEDURE</p> <p>NO. AP. <u>N/A</u></p>
TITLE OSM 4 HOLE FLANGE MOUNT JACK RECEPTACLE TAB TERMINAL		<p>SIZE B</p> <p>CODE IDENT NO. 26805</p> <p>SCALE 5:1</p>
		<p>2052-5636-00</p> <p>REV 01<sub>2</sub></p> <p>SHEET 1 OF 1</p>