



REVISIONS			
REV	DESCRIPTION	DATE	APPROVED
01	REDRAWN ON CAD ECN 96-0048	8/13/96	<i>RAC</i>

ELECTRICAL	MECHANICAL	ENVIRONMENTAL	COMPONENT	MATERIAL	FINISH
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>1.07 + .01 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> I.R.(Megohms MIN) <u>5,000</u>	Interface Dimensions MIL-STD-348A, Fig. 310.2 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>1.6</u>	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  .XXX = in XX.X = mm	HOUSING  DIELECTRIC  CENTER CONTACT	STAINLESS STEEL PER ASTM-A484 AND ASTM- A582, TYPE 303  TFE FLUOROCARBON PER ASTM-D-1457  BERYLLIUM COPPER PER ASTM B 196, ALLOY C17300, CONDITION H	PASSIVATE PER QQ-P-35  N/A  GOLD PLATE PER MIL-G-45204
UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES TOLERANCE ON FRAC. DEC. ANGLES ± 1/64 ±.005 ± °			DRAWN BY <u>MC</u> DATE <u>6/01/88</u> CHECKED BY <u>KCM</u> <u>6/20/88</u> APPD BY <u>F.Z.</u> <u>8/16/88/</u>	AMP Incorporated 140 Fourth Avenue Waltham, MA 02451-7599	
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  NO. AP. <u>N/A</u>	TITLE <u>OSM 2 HOLE FLANGE MOUNT JACK RECEPTACLE STRAIGHT TERMINAL</u> SIZE <u>B</u> CODE IDENT NO. <u>26805</u> <u>2052-8015-92</u> REV <u>01</u> SCALE <u>4 : 1</u> SHEET 1 OF 1	