



REVISIONS			
REV	DESCRIPTION	DATE	APPROVED
01 ₂	REDRAWN ON CAD ECN 96-0048	8/13/96	<i>RAC</i>

ELECTRICAL
Nominal Impedance (Ohms) <u>50</u>
Frequency Range (GHz) <u>N/A</u>
Volt Rating (VRMS MAX) @ Sea Level <u>335</u>
VSWR <u>N/A</u>
Insertion Loss (dB MAX) <u>N/A</u>
RF Leakage (dB MIN) <u>N/A</u>
Corona, 70,000 Ft (VRMS MIN) <u>250</u>
Dielectric Withstanding Voltage (VRMS MIN) @ Sea Level <u>1,000</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>

MECHANICAL
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>1.7</u>

ENVIRONMENTAL
Temperature Rating <u>-65°C to +165°C</u>
Vibration MIL-STD-1344, Method 2005, Condition IV
Shock MIL-STD-1344, Method 2004 Condition G.
Thermal Shock MIL-STD-1344, Method 1003, Condition A.
Corrosion - MIL-STD-1344, Method 1001, Condition B

HOUSING
DIELECTRIC
CENTER CONTACT
COMPONENT
UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES TOLERANCE ON FRAC. DEC. ANGLES ± 1/64 ±.005 ± °
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 items without written permission.

MATERIAL
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
USE ASS'Y PROCEDURE
NO. AP. <u>N/A</u>

FINISH
PASSIVATE PER QQ-P-35
N/A
GOLD PLATE PER MIL-G-45204
AMP Incorporated 140 Fourth Avenue Waltham, MA 02451-7599
TITLE OSM 2 HOLE FLANGE MOUNT JACK RECEPTACLE SOLDER POT TERMINAL
SIZE <u>B</u> CODE IDENT NO. <u>26805</u> 2052-8002-92 REV <u>01₂</u>
SCALE <u>5 : 1</u> SHEET <u>1</u> OF <u>1</u>