



REVISIONS			
REV	DESCRIPTION	DATE	APPROVED
020	ECN 93-0005	2/18/93	<i>AD</i> DCm 2/22/93

ELECTRICAL	MECHANICAL	ENVIRONMENTAL
Nominal Impedance (Ohms) <u>50</u>	Interface Dimensions MIL-STD-348A, Fig. 310.2 (OSM) & 304.2 (N)	Temperature Rating <u>-65°C to +125°C</u>
Frequency Range (GHz) DC to <u>18</u>	Recommended Mating Torque <u>N/A</u>	Vibration MIL-STD-202, Method 204, Condition B
Volt Rating (VRMS MAX) @ Sea Level <u>335</u>	Mating Characteristics: OSM-Insertion (MAX lbs) <u>3.0</u>	Shock MIL-STD-202, Method 213, Condition I.
VSWR <u>DC - 12.4GHz: 1.06+.005f(GHz) MAX</u> <u>12.4 - 18.0GHz: .83+.023f(GHz) MAX</u>	Type N-Insertion (MAX lbs) <u>2.0</u>	Thermal Shock MIL-STD-202, Method 107, Condition C, except high temp shall be +115°C
Insertion Loss (dB MAX) <u>.18 @ 9GHz</u>	OSM-Withdrawal (MIN oz) <u>1.0</u>	Moisture Resistance MIL-STD-202, Method 106
RF Leakage (dB MIN) <u>-65 @ 2-3 GHz</u>	Type N-Withdrawal (MIN oz) <u>2.0</u>	Corrosion - MIL-STD-202, Method 101, Condition B, 5% salt spray
Corona, 70,000 Ft (VRMS MIN) <u>250</u>	Force to Engage and Disengage OSM (in-lbs MAX) <u>2.0</u>	
Dielectric Withstanding Voltage (VRMS MIN) @ Sea Level <u>1,000</u>	Type N (in-lbs MAX) <u>6.0</u>	
Contact Resistance (Milliohms MAX) Center Contact <u>4.1</u>	Center Contact Captivation Axial (lbs) <u>6.0</u>	
Outer Contact <u>2.2</u>	Radial (in-oz) <u>4.0</u>	
Cable to Housing <u>N/A</u>	Cable Retention Axial Force (lbs) <u>N/A</u>	
RF High Potential @ Sea Level (VRMS MIN @ 5 MHz) <u>1,000</u>	Torque (in-oz) <u>N/A</u>	
I.R.(Megohms MIN) <u>5,000</u>	Weight (Grams) <u>TBD</u>	

COMPONENT	MATERIAL	FINISH
HOUSING	STAINLESS STEEL PER ASTM-A484 AND ASTM-A582, TYPE 303	PASSIVATED
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 OVER NICKEL PLATE PER QQ-N-290

UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES	DRAWN BY <u>CD</u> DATE <u>2-10-83</u>	 AMP Incorporated 140 Fourth Avenue Waltham, MA 02451-7599								
TOLERANCE ON	CHECKED BY <u>WK</u> DATE <u>2-23-83</u>									
FRAC. DEC. ANGLES	APPD BY <u>DRG</u> DATE <u>3-3-83</u>									
± 1/64 ±.005 ± °	USE ASS'Y PROCEDURE	TITLE <u>OSN JACK TO OSM JACK ADAPTER</u>								
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.	NO. AP. <u>N/A</u>	<table border="1"> <tr> <td>SIZE <u>B</u></td> <td>CODE IDENT NO. <u>26805</u></td> <td><u>3680-2242-00</u></td> <td>REV <u>020</u></td> </tr> <tr> <td>SCALE <u>4 : 1</u></td> <td colspan="2"></td> <td>SHEET 1 OF 1</td> </tr> </table>	SIZE <u>B</u>	CODE IDENT NO. <u>26805</u>	<u>3680-2242-00</u>	REV <u>020</u>	SCALE <u>4 : 1</u>			SHEET 1 OF 1
SIZE <u>B</u>	CODE IDENT NO. <u>26805</u>	<u>3680-2242-00</u>	REV <u>020</u>							
SCALE <u>4 : 1</u>			SHEET 1 OF 1							