



REVISIONS			
REV	DESCRIPTION	DATE	APPROVED
03 <sub>2</sub>	ECN 92-0010	12/17/92	BB
			JTD 12/21/92

ELECTRICAL	MECHANICAL	ENVIRONMENTAL
Nominal Impedance (Ohms) <u>50</u>	Interface Dimensions	Temperature Rating <u>-65° to +125°C</u>
Frequency Range (GHz) DC to <u>18</u>	Per OMNI-SPECTRA CATALOG	Vibration MIL-STD-202, Method 204, Condition D
Volt Rating (VRMS MAX) @ Sea Level <u>500</u>	Force to Engage (In-Lbs MAX) <u>3</u> & Disengage (In-Lbs MAX) <u>1.5</u>	Shock MIL-STD-202, Method 213, Condition I
VSWR <u>1.05+0.005f(GHz)</u> DC to 18 GHz	Center Contact Captivation	Thermal Shock MIL-STD-202, Method 107, Condition B
Insertion Loss (dB MAX) <u>.03x√f(GHz)</u>	Axial (Lbs) <u>6.0</u>	Moisture Resistance MIL-STD-202, Method 106
RF Leakage (dB MIN) (Fully Mated) <u>-(60-f(GHz))</u>	Weight (Grams) <u>TBD</u>	Corrosion - MIL-STD-202, Method 101, Condition B
Corona, 70,000 Ft (VRMS MIN) <u>335</u>		
Dielectric Withstanding Voltage (VRMS MIN) @ Sea Level <u>1000</u>		
Contact Resistance (Milliohms MAX) Center Contact <u>2.0</u> Outer Contact <u>2.0</u>		
RF High Potential @ Sea Level (VRMS MIN @ 5 MHz) <u>1000</u>		
IR.(Megohms MIN) <u>5000</u>		

HOUSING	STAINLESS STEEL PER ASTM-A484 AND ASTM-A582, TYPE 303	PASSIVATE PER ASTM-A380
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
*O* - RING	NITRILE (BUNA-N) PER MIL-P-25732	N/A
COMPONENT	MATERIAL	FINISH
UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES TOLERANCE ON	DRAWN BY JP DATE 4/13/83	AMP Incorporated 140 Fourth Avenue Waltham, MA 02451-7599
FRAC. DEC. ANGLES ± 1/64 ±.005 ± °	CHECKED BY AJA DATE 2/7/84	
	APPD BY JB DATE 2/28/84	
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 OSP 2 HOLE FLANGE MOUNT PLUG RECEPTACLE STRAIGHT TERMINAL
	NO. AP. <u>N/A</u>	SIZE B CODE IDENT NO. 26805 4551-1352-02 REV 03 <sub>2</sub>
		SCALE 4:1 SHEET 1 OF 1