



REVISIONS			
REV	DESCRIPTION	DATE	APPROVED
010	RELEASED	10/24/79	FW
A	REV/ECN 19297	11/17/89	B.W.
011	REVISED PER ECN 92-0010	08/21/92	<i>M.M.</i> 10/30/92

ELECTRICAL	MECHANICAL	ENVIRONMENTAL
Nominal Impedance (Ohms) <u>50</u>	Interface Dimensions	Temperature Rating <u>-65°C to +125°C</u>
Frequency Range (GHz) <u>DC to 4</u>	BNC <u>MIL-STD-348A Fig. 301.1</u>	Vibration <u>MIL-STD-202, Method 204, Condition D</u>
Volt Rating (VRMS MAX)	SMB <u>MIL-STD-348A Fig. 311.2</u>	Shock <u>MIL-STD-202, Method 213, Condition B</u>
@ Sea Level <u>335</u>	Mating Characteristics:	Thermal Shock <u>MIL-STD-202, Method 107, Condition C</u>
VSWR <u>1.15±.01f(GHz)</u>		Moisture Resistance <u>MIL-STD-202, Method 106</u>
Insertion Loss (dB MAX) <u>.125</u>		Corrosion - <u>MIL-STD-202, Method 101, Condition B, 5% salt spray</u>
RF Leakage (dB MIN) <u>-55</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>6.0</u>		
Outer Contact <u>2.0</u>		
RF High Potential @ Sea Level		
(VRMS MIN @ 5 MHz) <u>1000</u>		
I.R.(Megohms MIN) <u>1000</u>		

HOUSING SLEEVE	BRASS PER QQ-B-626 COMP. 360, HALF HARD	NICKEL PLATE PER QQ-N-290 OVER COPPER PLATE PER MIL-C-14550
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 COPPER PLATE PER MIL-C-14550
RETAINING RING	BERYLLIUM COPPER PER ASTM B 194, ALLOY C17200, CONDITION H	N/A
COMPONENT	MATERIAL	FINISH

UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES TOLERANCE ON	DRAWN BY	DATE	AMP Incorporated 140 Fourth Avenue Waltham, MA 02451-7599		
	RR	10/18/79			
FRAC. DEC. ANGLES	CHECKED BY		AMP		
	R SMITH	10/24/79			
± 1/64 ±.005 ± °	APPD BY		TITLE SMB PLUG TO BNC JACK ADAPTER		
	D. GORDEN	11/21/89			
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.	USE ASS'Y PROCEDURE		SIZE	CODE IDENT NO.	REV
			B	26805	01 ₁
	NO. AP. <u>N/A</u>		SCALE	4:1	SHEET 1 OF 1