



DESIGNED FOR USE WITH .141 SEMI-RIGID CABLE	
CABLE ENTRY DIAMETER MINIMUM	
SLEEVE	.144
CONTACT	.034

REVISIONS			
REV	DESCRIPTION	DATE	APPROVED
01 ₀	RELEASED	8-6-82	R.SABA
01 ₁	MINOR CHANGE PER ECN 87-0898 (2 OF 2)	L.ROSS 7-15-87	MH/M 7-23-87
01 ₂	REDRAWN IN CAD PER ECN 92-0010	[Signature] 11-03-91	[Signature] 19730793

COMPONENT	MATERIAL	FINISH
HOUSING MOUNTING NUT LOCKWASHER CLAMP NUT	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 COPPER PLATE PER MIL-C-14550
SLEEVE	BRASS PER QQ-B-626 COMP. 360, HALF HARD	GOLD PLATE PER MIL-G-45204 OVER COPPER PLATE PER MIL-C-14550
GASKET	SILICONE RUBBER PER ZZ-R-765	N/A

ELECTRICAL	MECHANICAL	ENVIRONMENTAL
Nominal Impedance (Ohms) <u>50</u>	Interface Dimensions MIL-STD-348A, Fig. 304.2	Temperature Rating <u>-65°C to +125°C</u>
Frequency Range (GHz) DC to <u>18</u>	Recommended Mating	Vibration MIL-STD-202, Method 204, Condition B.
Volt Rating (VRMS MAX) @ Sea Level <u>1,000</u>	Torque <u>12-15 in-lbs</u>	Shock MIL-STD-202, Method 213, Condition I.
VSWR <u>1.008 ±.002 f(GHz)</u>	Mating Characteristics:	Thermal Shock MIL-STD-202, Method 107, Condition B.
Insertion Loss (dB MAX) <u>15dB @ 10GHz</u>	Insertion: <u>2.0</u>	Except High Temp shall be <u>+85°C</u>
RF Leakage (dB MIN) <u>-60 @ 2-3 GHz</u>	Withdrawal: <u>2.0</u>	Moisture Resistance MIL-STD-202, Method 106
Corona, 70,000 Ft (VRMS MIN) <u>500</u>	Force to Engage and Disengage (In-Lbs MAX) <u>6 in-lbs</u>	Corrosion - MIL-STD-202, Method 101, Condition B, 5% salt spray
Dielectric Withstanding Voltage (VRMS MIN) @ Sea Level <u>1,500</u>	Center Contact Captivation	
Contact Resistance (Milliohms MAX)	Axial (Lbs) <u>6.0</u>	
Center Contact <u>1.0</u>	Radial (In-Oz) <u>4.0</u>	
Outer Contact <u>N/A</u>	Cable Retention	
Cable to Housing <u>N/A</u>	Axial Force (Lbs) <u>60.0</u>	
RF High Potential @ Sea Level (VRMS MIN @ 5 MHz) <u>1,500</u>	Torque (In-Oz) <u>N/A</u>	
I.R.(Megohms MIN) <u>5,000</u>	Weight (Grams) <u>TBD</u>	

UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES TOLERANCE ON FRAC. DEC. ANGLES ± 1/64 ±.005 ± °	DRAWN BY J. MCINNIS	DATE 8-3-82		AMP Incorporated 140 Fourth Avenue Waltham, MA 02451-7599
	CHECKED BY GERALD LORD	DATE 6AUG82		
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		TITLE OSN HIGH FREQ. BULKHEAD FEEDTHROUGH CABLE JACK SOLDER CLAMP ATTACHMENT	
	408-08243 NO. AP. (36-001)		SIZE B	CODE IDENT NO. 26805
			3604-7841-02	
			REV 01₂	SHEET 1 OF 1