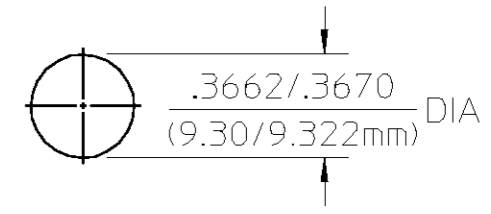


DESIGNED FOR USE WITH .085 DIA SEMI-RIGID CABLE	
CABLE ENTRY DIAMETER MINIMUM	
CONTACT	.021
HOUSING	.089

REVISIONS			
REV	DESCRIPTION	DATE	APPROVED
040	REVISED	6/28/93	<i>M.A.</i>

RECOMMENDED MOUNTING HOLE SCALE N.T.S.



ELECTRICAL	MECHANICAL	ENVIRONMENTAL
Nominal Impedance (Ohms) <u>50</u>	Interface Dimensions Per <u>OMNI SPECTRA CATALOG</u>	Temperature Rating <u>-65° to +125°C</u>
Frequency Range (GHz) <u>DC to 22</u>	Mating Characteristics:	Vibration MIL-STD-202, Method 204, Condition D
Volt Rating (VRMS MAX) @ Sea Level <u>375</u>	Insertion (MAX Lbs) <u>3</u>	Shock MIL-STD-202, Method 213, Condition I
VSWR <u>1.05+.005f(GHz) dc to 18 GHz</u>	Withdrawal (MIN Oz) <u>1</u>	Thermal Shock MIL-STD-202, Method 107, Condition B except High Temp Shall Be +115°C
<u>1.09+.009f(GHz) 18 to 22 GHz</u>	OSP Force to Engage (Lbs MAX) <u>3</u>	Moisture Resistance MIL-STD-202, Method 106
Insertion Loss (dB MAX) <u>.03x√f(GHz)</u>	& Disengage (Lbs MAX) <u>1.5</u>	Corrosion - MIL-STD-202, Method 101, Condition B
RF Leakage (dB MIN) <u>-(60-f(GHz))</u>	Center Contact Captivation	
Corona, 70,000 Ft (VRMS MIN) <u>335</u>	Axial (Lbs MIN) <u>6</u>	
Dielectric Withstanding Voltage (VRMS MIN) @ Sea Level <u>1000</u>	Cable Retention	
Contact Resistance (Milliohms MAX)	Axial Force (lbs MIN) <u>30</u>	
Center Contact <u>2.0</u>	Torque (In-Oz MIN) <u>16</u>	
Outer Contact <u>2.0</u>	Weight (Grams) <u>TBD</u>	
Cable to Housing <u>0.5</u>		
RF High Potential @ Sea Level (VRMS MIN @ 5 MHz) <u>670</u>		
I.R.(Megohms MIN) <u>5000</u>		

COMPONENT	MATERIAL	FINISH
BUSHING	STAINLESS STEEL PER ASTM-A484 AND ASTM-A582, TYPE 303	PASSIVATE PER ASTM-A380
HOUSING OUTER MOUNTING NUT	STAINLESS STEEL TYPE 316	PASSIVATE PER ASTM-A380
HOUSING INNER	STAINLESS STEEL TYPE 316	GOLD PLATE PER MIL-G-45204 OVER NICKEL PLATE PER QQ-N-290
DIELECTRIC	TFE FLUOROCARBON PER ASTM-D-1457	N/A
CENTER CONTACT CONTACT SLEEVE	BERYLLIUM COPPER PER ASTM B 196, ALLOY C17300, CONDITION H	GOLD PLATE PER MIL-G-45204 OVER NICKEL PLATE PER QQ-N-290
CONTACT RING SHIM	BERYLLIUM COPPER PER ASTM B 194, ALLOY C17200, CONDITION H	GOLD PLATED PER MIL-G-45204 OVER COPPER PLATE PER MIL-C-14550
SPRING	STAINLESS STEEL TYPE 302	PASSIVATE PER ASTM-A380
RETAINING RING	CARBON SPRING STEEL	NICKEL PLATE PER QQ-N-290 OVER COPPER PLATE PER MIL-C-14550
LOCKWASHER	STAINLESS STEEL 300 SERIES	PASSIVATE PER ASTM-A380

UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES TOLERANCE ON	DRAWN BY <i>D. Camello</i> DATE <u>1/27/93</u>	AMP Incorporated 140 Fourth Avenue Waltham, MA 02451-7599	
FRAC. DEC. ANGLES	CHECKED BY	TITLE OSP FLOATING BULKHEAD FEEDTHRU CABLE JACK DIRECT SOLDER ATTACHMENT	
± 1/64 ±.005 ± 1°	APPD BY	SIZE B	CODE IDENT NO. 4522-5027-02
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 408-04596 NO. A.P. <u>(45-047)</u>	SCALE 3:1	REV 040
		SHEET 1 OF 1	