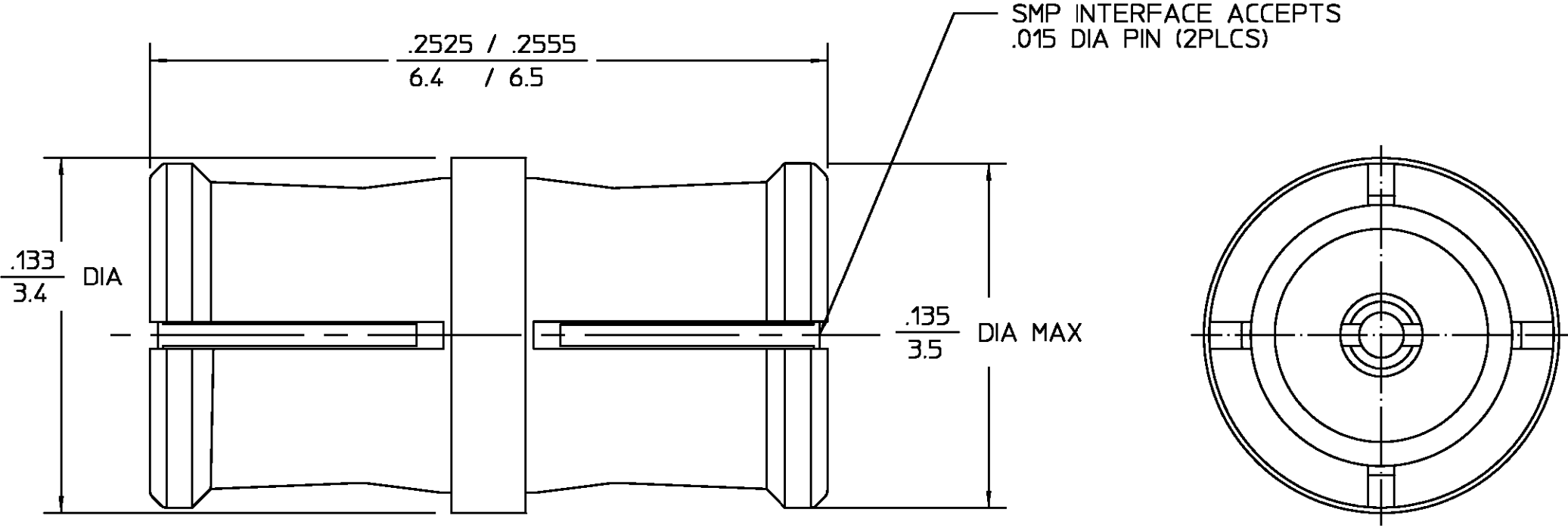






REVISIONS			
REV	DESCRIPTION	DATE	APPROVED
010	RELEASED	6/15/95	



NOTE:  
\* SPECIFICATIONS SHOWN DERIVED FROM TESTING USING THIS ADAPTER AND M/A-COM TEST FIXTURE 2998-5042-02 AS SPECIFIED IN DESC SPEC 94007. VSWR: DC-23GHz:1.10:1 MAX; 23-26.5GHz: 1.15:1 MAX 26.5-40GHz: 1.7:1 MAX.

DESC DRAWING NUMBER: 94007ZCG-1

ELECTRICAL		MECHANICAL		ENVIRONMENTAL		HOUSING CONTACT		BERYLLIUM COPPER PER ASTM-B196, ALLOY C17300, CONDITION H		GOLD PLATE PER MIL-G-45204	
Nominal Impedance (Ohms) 50 ±1		Force to Engage (Lbs MAX) 10.0		Temperature Rating -65° to +125°C		DIELECTRIC		TFE FLUOROCARBON PER ASTM-D-1457		N/A	
Frequency Range (GHz)DC to 40GHz		Disengage (In Lbs MIN) 2.0		Vibration MIL-STD-202, Method 204, Condition D							
Volt Rating (VRMS MAX)		Center Contact Retention (LBs MIN) 1.5		Thermal Shock MIL-STD-202,		COMPONENT		MATERIAL		FINISH	
⊗ Sea Level 335		Rdial Misalignment: ±.020		Method 107, Condition B							
*VSWR See Above		Axial Misalignment: .000/.010		Corrosion - MIL-STD-202, Method 101, Condition B		UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES		DRAWN BY  DATE 5/10/94		 AMP Incorporated 140 Fourth Avenue Waltham, MA 02451-7599	
RF Leakage (2-3GHz) -80dB Min		Durability: 100 cycles		Moisture Resistance: MIL-STS-202, Method 106.		TOLERANCE ON		CHECKED BY 			
*Insertion Loss .010 dB MIN.						FRAC. DEC. ANGLES		APPD BY  5/10/94			
Corona, 70,000 Ft (VRMS MIN) 190						± 1/64 ±.005 ± 1°					
Dielectric Withstanding Voltage (VRMS MIN) ⊗ Sea Level 500						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 OSMF JACK TO JACK ADAPTER	
Contact Resistance (Milliohms MAX) Center Contact(Mated Pair) 6.0								NO. A.P. N/A		SIZE B	
RF High Potential ⊗ Sea Level (VRMS MIN ⊗ 5 MHz) 325										CODE IDENT NO. 26805	
I.R.(Megohms MIN) 5,000										2980-5004-62	
										REV 01	
										SCALE 20 : 1	
										SHEET 1 OF 1	

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