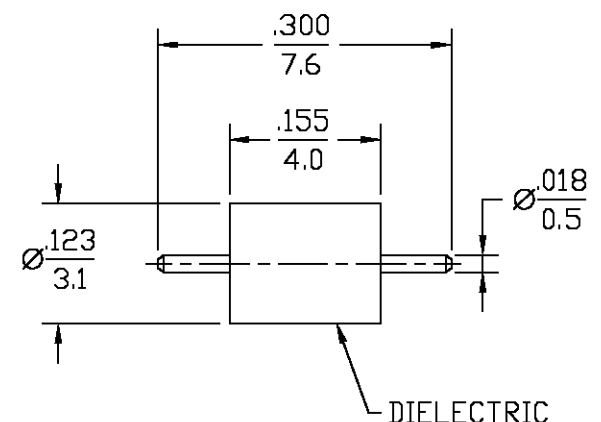


REVISIONS			
REV	DESCRIPTION	DATE	APPROVED
01 0	RELEASED	KYLE 9/30/97	PCW
B	REVISED PER ECN 0U20-0262-01	GV 1/6/03	JGH



ELECTRICAL	MECHANICAL	ENVIRONMENTAL
Nominal Impedance (Ohms) <u>50</u>	Interface Dimensions MIL-ARS-348A Fig. 321-1	TEMPERATURE RATING <u>-65° TO +125°C</u>
Frequency Range (GHz) DC to <u>18.0</u>	Mating Characteristics:	Vibration MIL-STD-202, Method 204, Condition D
Volt Rating (VRMS MAX) @ Sea Level <u>335</u>	Insertion (MAX Lbs) <u>3</u>	Shock MIL-STD-202, Method 213, Condition I
VSWR 1.06+.01f(GHz) DC to 18 GHz	Withdrawal (MIN Oz) <u>1</u>	Thermal Shock MIL-STD-202, Method 107, Condition B
Insertion Loss (dB MAX) .04x√f(GHz)	Force to Engage (In/Lbs MAX) <u>3</u> & Disengage (In/Lbs MAX) <u>1.5</u>	Moisture Resistance MIL-STD-202, Method 106
RF Leakage (dB MIN) (Interface Only, Fully Mated) <u>-(90-f(GHz))</u>	Center Contact Captivation	Corrosion - MIL-STD-202, Method 101, Condition B
Corona, 70,000 Ft (VRMS MIN) <u>250</u>	Axial (Lbs) <u>6</u>	
Dielectric Withstanding Voltage (VRMS MIN) @ Sea Level <u>1000</u>	Weight (Grams) <u>TBD</u>	
Contact Resistance (Milliohms MAX)		
Center Contact <u>10.0</u>		
Outer Contact <u>2.0</u>		
RF High Potential @ Sea Level (VRMS MIN @ 5 MHz) <u>667</u>		
I.R.(Megohms MIN) <u>5000</u>		

HOUSING	STAINLESS STEEL PER ASTM-A484 AND ASTM- A582, TYPE 303	PASSIVATE PER QQ-P-35
DIELECTRIC	PTFE FLUOROCARBON PER ASTM-D-1457	N/A
CENTER CONTACT	BERYLLIUM COPPER PER ASTM-B-196 OR ASTM-B-197, ALLOY C17300, CONDITION H	GOLD PLATE PER MIL-G-45204
CONTACT EXT.	BRASS PER ASTM-B-16, HALF HARD	GOLD PLATE PER MIL-G-45204
GASKET	CONDUCTIVE SILVER/ SILICONE ELASTOMERS	N/A
O-RING	FLOUROSILICONE PER MIL-R- 25988, CLASS I, TYPE I.	N/A

COMPONENT	MATERIAL	FINISH
UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES TOLERANCE ON	DRAWN BY KYLE LE	DATE 6-30-97
FRAC. DEC. ANGLES	CHECKED BY	AMP Incorporated 140 Fourth Avenue Waltham, MA 02451-7599
± 1/64 ± .005 ± 1°	APP'D BY PCW	DATE 9/30/97
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 DSP 2-HOLE FLANGE MOUNT PLUG RECEPTACLE WITH EMI-RFI GASKET
	N/A	SIZE B
	NO. A.P. _____	CODE IDENT NO. 26805
		4551-3203-02
		SCALE 4:1
		SHEET 1 OF 1

CUSTOMER DRAWING

AMP PART # 1223199-1
SHEET 1 OF 1 REV B