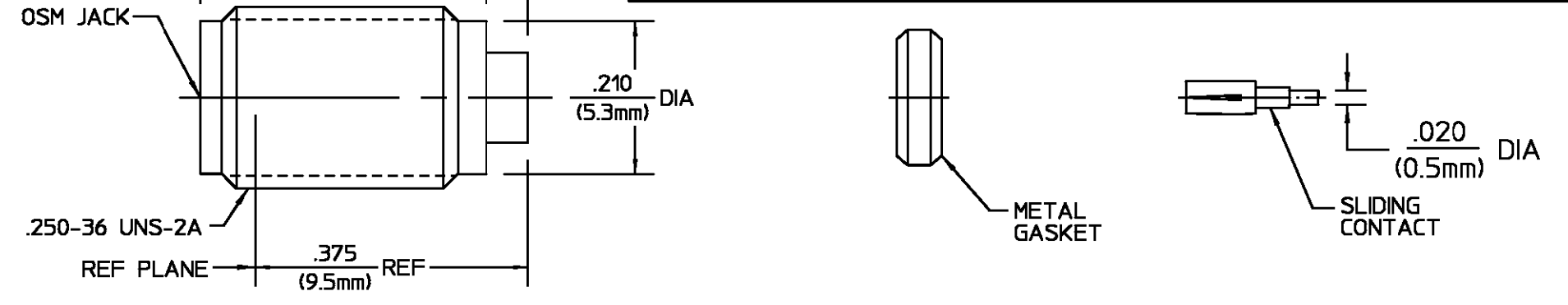


REVISIONS			
REV	DESCRIPTION	DATE	APPROVED
01 ₀	RELEASED	2/1988	BAR
01 ₁	UPDATED AND REDRAWN IN CAD, ECN 88-0678	KCM 5/3/90	CW
01 ₂	MINOR CHANGES PER ECN 95-0321	07/24/95 07/25/95	<i>OP</i> <i>RJK</i>



HOUSING	STAINLESS STEEL PER ASTM-A484 AND ASTM-A582, TYPE 303	GOLD PLATE PER MIL-C-45204 OVER COPPER PLATE PER MIL-C-14550
DIELECTRIC	TFE FLUOROCARBON PER ASTM-D-1457, MIL-P-19468, AND FED. SPEC L-P-403	N/A
CENTER CONTACT	BERYLLIUM COPPER PER ASTM B196 ALLOY 173	GOLD PLATE PER MIL-G-45204 OVER COPPER PLATE PER MIL-C-14550
CONTACT EXT. BUSHING	IRON-NICKEL ALLOY PER MIL-I-23011 CLASS 1 (KOVAR)	GOLD PLATE PER MIL-G-45204 OVER COPPER PLATE PER MIL-C-14550
HERMETIC SEAL	CORNING #7052	N/A
METAL GASKET	SAE B-113 STEEL	SILVER PLATE OVER NICKEL PER QQ-S-365

ELECTRICAL	MECHANICAL	ENVIRONMENTAL
Nominal Impedance (Ohms) <u>50</u>	Interface Dimensions MIL-STD-348, Fig. 310.2	Temperature Rating <u>-65°C To +165°C</u>
Frequency Range (GHz) <u>DC - 18</u>	Mating Characteristics:	Vibration - MIL-STD-202, Method 204, Condition D
Volt Rating (VRMS MAX) <u>335</u>	Insertion (MAX Lbs) <u>3.0</u>	Shock - MIL-STD-202, Method 107, Condition I
VSWR <u>1.04 ±.009 *fGHz</u>	Withdrawal (MIN Oz) <u>1.0</u>	Thermal Shock MIL-STD-202, Method 107, Condition B
Insertion Loss (dB MAX) <u>.05√F(GHz)</u>	Force To Engage (In/Lbs MAX) <u>2.0</u>	Moisture Resistance - MIL-STD-202, Method 106
RF Leakage (dB MIN) <u>-(100 - F(GHz))</u>	Force To Disengage (In/Lbs MAX) <u>2.0</u>	Corrosion - MIL-STD-202, Method 101, Condition B, 5% salt spray
Corona, 70,000 Ft (VRMS MIN) <u>333</u>	Center Contact Captivation	Leak Test Per MIL-STD-202, Method 112, Condition C.
Dielectric Withstanding Voltage (VRMS MIN) <u>1000 @ sea level</u>	Axial <u>6.0 Lbs</u>	Procedure 1 <u>1*10⁻⁸cc/sec</u>
Contact Resistance (Milliohms MAX)	Radial <u>1.0 IN-OUNCE MIN</u>	
Center Contact <u>10.0</u>	Weight (Grams) <u>T.B.D.</u>	
Outer Contact <u>2.0</u>		
RF High Potential (VRMS MIN @ 5 MHz) <u>667 @ sea level</u>		
I.R.(Megohms) <u>5000</u>		

COMPONENT	MATERIAL	FINISH
UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES TOLERANCE ON	DRAWN BY <u>B.ZAMB</u> DATE <u>11/3/87</u>	AMP Incorporated 140 Fourth Avenue Waltham, MA 02451-7599
FRAC. DEC. ANGLES	CHECKED BY	
± 1/64 ±.005 ± °	APPD BY	
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 <u>OSM HERMETICALLY SEALED ENVIRONMENTALLY DURABLE JACK RECEPTACLE, W/SLIDING CONTACT</u>
	NO. AP. <u>408-04867 (20-747)</u>	SIZE <u>B</u> CODE IDENT NO. <u>26805</u> 2058-5269-00 REV <u>01₂</u>
		SCALE <u>5:1</u> SHEET 1 OF 1