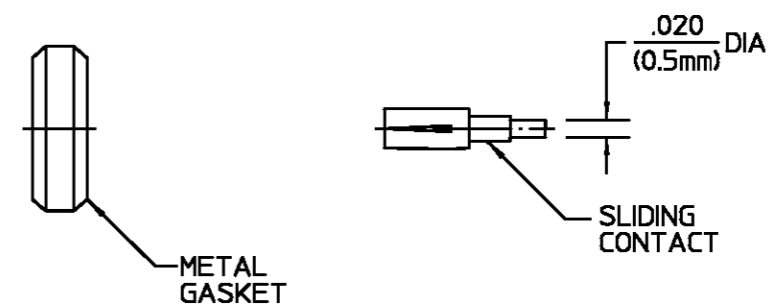


REVISIONS			
REV	DESCRIPTION	DATE	APPROVED
021	REDRAWN IN CAD & UPDATED TO CURRENT DRAFTING STANDARDS PER ECN 92-0010	03-16-92	MM 3/17/92



ELECTRICAL	MECHANICAL	ENVIRONMENTAL
Nominal Impedance (Ohms) 50	Interface Dimensions MIL-STD-348A, Fig. 310.2	Temperature Rating -65°C To +165°C
Frequency Range (GHz) DC - 18	Mating Characteristics:	Vibration - MIL-STD-202, Method 204, Condition D, 20G's
Volt Rating (VRMS MAX) N/A	Insertion (MAX lbs) 3.0	Shock - MIL-STD-202, Method 107, Condition B
VSWR 1.04 +.009 *fGHz	Withdrawal (MIN Oz) 1.0	Thermal Shock MIL-STD-202, Method 107, Condition B
Insertion Loss (dB MAX) .05√f(GHz)	Force To Engage (In-lbs MAX) 2.0	Moisture Resistance - MIL-STD-202, Method 106
RF Leakage (dB MIN) -[100 - f(GHz)]	Force To Disengage (In-lbs MAX) 2.0	Corrosion - MIL-STD-202, Method 101, Condition B, 5% salt spray
Corona, 70,000 Ft (VRMS MIN) 333	Center Contact Captivation	Leak Test Per MIL-STD-202, Method 112, Condition C.
Dielectric Withstanding Voltage (VRMS MIN) 1000 @ sea level	Axial 6.0 lbs	Procedure 1 1*10 ⁻⁸ cc/sec
Contact Resistance (Milliohms MAX)	Radial N/A	
Center Contact 10.0	Weight (Grams) T.B.D.	
Outer Contact 2.0		
RF High Potential (VRMS MIN @ 5 MHz) 1,000 @ sea level		
I.R.(Megohms) 5,000 MIN		

COMPONENT	MATERIAL	FINISH
HOUSING	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 SLIDING 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-COBALT ALLOY PER MIL-I-23011 CLASS 1 (KOVAR)	GOLD PLATE PER MIL-G-45204 OVER COPPER PLATE PER MIL-C-14550
HERMETIC SEAL	GLASS BEAD	N/A
METAL GASKET	SAE C12L14	SILVER PLATE PER QQ-S-365 OVER NICKEL PLATE PER QQ-N-290

UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES TOLERANCE ON	DRAWN BY V. MICHAUD DATE 10-1-75	AMP Incorporated 140 Fourth Avenue Waltham, MA 02451-7599
FRAC. DEC. ANGLES ± 1/64 ± .005 ± °	CHECKED BY APPD BY D.S.S. DATE 10-2-75	
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 408-04867 NO. AP. (20-747)	TITLE OSM HERMETICALLY SEALED ENVIRONMENTALLY DURABLE JACK RECEPTACLE, W/SLIDING CONTACT
	SIZE B	CODE IDENT NO. 26805
	SCALE 5 : 1	2058-5269-02
		REV 021
		SHEET 1 OF 1