



REVISIONS			
REV	DESCRIPTION	DATE	APPROVED
020	SEE ECN 81-0180-3	BB 2-24-81	T.SCANELLI
021	SEE ECN 81-0423-1	VM 5-7-81	F.ALLEN
022	SEE GEN ECN 80-0084	FN 6-1-82	GH 2JUNE82
023	REDESIGNED PER ECO 8751	8-13-85	JJ/KES
024	ADD DATUM [A] & CONCENTRIC TOL PER ECO #8852. MTG HOLE DETAIL REVISED	1-23-86	JJ/RAV
030	MAJOR CHANGE PER ECN 90-1122-1. REDRAWN IN CAD PER ECN 88-0678.	BME 1/24/91	JDD M.Y.2-25-91

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	BERYLLIUM COPPER PER ASTM B 196, ALLOY C17300, CONDITION H	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
HERMETIC SEAL	GLASS BEAD	N/A

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 to 18	Recommended Mating Torque N/A	Vibration MIL-STD-202, Method 204, Condition D, 20G'S
Volt Rating (VRMS MAX) N/A	Mating Characteristics:	Shock MIL-STD-202, Method 213, Condition I
VSWR 1.06 + .01f(GHz)	Insertion (MAX Lbs) 3.0	Thermal Shock MIL-STD-202, Method 107, Condition B, Except High Temp 115°C
Insertion Loss (dB MAX) .04√f(GHz)	Withdrawal (MIN Oz) 1.0	Moisture Resistance MIL-STD-202, Method 106
RF Leakage (dB MIN) -(100 - f(GHz))	Force to Engage and 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 - MIL-STD-202, Method 112, Condition C, Proc.1 (1 X 10 ⁻⁸ cc/sec/atm)
Dielectric Withstanding Voltage (VRMS MIN) 1000 @ Sea Level	Axial (Lbs) 6.0	
Contact Resistance (Milliohms MAX)	Radial (In/Oz) N/A	
Center Contact 10.0	Weight (Grams) T.B.D.	
Outer Contact 2.0		
RF High Potential (VRMS MIN @ 5 MHz) 667 @ Sea Level		
I.R.(Megohms MIN) 5000		

UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES TOLERANCE ON	DRAWN BY G.BEERS DATE 10-27-80	AMP Incorporated 140 Fourth Avenue Waltham, MA 02451-7599
FRAC. DEC. ANGLES	CHECKED BY K.DALY DATE 10-30-80	
± 1/64 ±.005 ± °	APPD BY T.SCANELLI DATE 10-31-80	
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 items without written permission.	USE ASS'Y PROCEDURE 408-04853 NO. AP. (20-621)	TITLE OSM PANEL FEEDTHROUGH JACK RECEPTACLE WITH HERMETIC SEAL SUB-ASSY
	SIZE B	CODE IDENT NO. 26805
	SCALE 8:1	2058-5329-02
		REV 030
		SHEET 1 OF 1

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