



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) <u>50</u>	Interface Dimensions <u>MIL-STD-348A</u>	Temperature Rating <u>-65°C To +165°C</u>
Frequency Range (GHz) <u>DC to 18</u>	<u>Fig. 310.2</u>	Vibration MIL-STD-202, Method 204, Condition D, 20G'S
Volt Rating (VRMS MAX) <u>N/A</u>	Recommended Mating Torque <u>N/A</u>	Shock MIL-STD-202, Method 213, Condition I
VSWR <u>1.06 + .01f(GHz)</u>	Mating Characteristics: Insertion (MAX Lbs) <u>3.0</u>	Thermal Shock MIL-STD-202, Method 107, Condition B, Except High Temp 115°C
Insertion Loss (dB MAX) <u>.04√f(GHz)</u>	Withdrawal (MIN Oz) <u>1.0</u>	Moisture Resistance MIL-STD-202, Method 106
RF Leakage (dB MIN) <u>-(100 - f(GHz))</u>	Force to Engage and 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 Axial (Lbs) <u>6.0</u>	Leak Test - MIL-STD-202, Method 112, Condition C, Proc.1
Dielectric Withstanding Voltage (VRMS MIN) <u>1000 @ Sea Level</u>	Radial (In/Oz) <u>N/A</u>	(1 X 10 ⁻⁸ cc/sec/atm)
Contact Resistance (Milliohms MAX) 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 MIN) <u>5000</u>		

UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES TOLERANCE ON

FRAC.	DEC.	ANGLES
± 1/64	±.005	± °

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DRAWN BY G.BEERS DATE 10-27-80
 CHECKED BY K.DALY DATE 10-30-80
 APP'D BY T.SCANELLI DATE 10-31-80

AMP Incorporated
 140 Fourth Avenue
 Waltham, MA 02451-7599

USE ASS'Y PROCEDURE
 408-04853
 NO. AP. (20-621)

TITLE OSM PANEL FEEDTHROUGH JACK RECEPTACLE WITH HERMETIC SEAL SUB-ASSY

SIZE <u>B</u>	CODE IDENT NO. <u>26805</u>	<u>2058-5329-02</u>	REV <u>030</u>
SCALE <u>8:1</u>			SHEET 1 OF 1