



REVISIONS			
REV	DESCRIPTION	DATE	APPROVED
020	SEE ECN 81-0180-3	BB 2-24-81	T.SCANELLI
021	SEE ECN 81-0423-1	VH 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	<i>YOD</i> M.Y.2-25-91

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	Vibration MIL-STD-202, Method 204, Condition D, 20G'S
Volt Rating (VRMS MAX) N/A	Torque N/A	Shock MIL-STD-202, Method 213, Condition I
VSWR 1.06 + .01f(GHz)	Mating Characteristics:	Thermal Shock MIL-STD-202, Method 107, Condition B.
Insertion Loss (dB MAX) .04√f(GHz)	Insertion (MAX Lbs) 3.0	Except High Temp 115°C
RF Leakage (dB MIN) -(100 - 1fGHz)	Withdrawal (MIN Oz) 1.0	Moisture Resistance MIL-STD-202, Method 106
Carona, 70,000 Ft (VRMS MIN) 333	Force to Engage and Disengage (in/Lbs MAX) 2.0	Corrosion - MIL-STD-202, Method 101, Condition B, 5% salt spray
Dielectric Withstanding Voltage (VRMS MIN) 1000 @ Sea Level	Center Contact Captivation	Leak Test - MIL-STD-202, Method 112, Condition C, Proc.1
Contact Resistance (Milliohms MAX)	Axial (Lbs) 6.0	(1 X 10 ⁻⁸ cc/sec/atm)
Center Contact 10.0	Radial (in/Oz) N/A	
Outer Contact 2.0	Weight (Grams) T.B.D.	
RF High Potential (VRMS MIN @ 5 MHz) 667 @ Sea Level		
IR.(Megohms MIN) 5000		

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

UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES	DATE 10-27-80	AMP Incorporated 140 Fourth Avenue Waltham, MA 02451-7599
TOLERANCE ON	10-30-80	
FRAC. DEC. ANGLES	10-31-80	
±.1/64 ±.005 ±.°	T.SCANELLI	

USE ASSY PROCEDURE	TITLE OSM PANEL FEEDTHROUGH JACK RECEPTACLE WITH HERMETIC SEAL SUB-ASSY
408-04853 NO. AP. (20-621)	SIZE B CODE IDENT NO. 26805 2058-5329-02 REV 030
	SCALE 8:1 SHEET 1 OF 1

CUSTOMER DRAWING AMP PART # 1053265-1 SHEET 1 OF 1 REV A