



REVISIONS			
REV	DESCRIPTION	DATE	APPROVED
01_0	RELEASED	11-28-83	T.S.
01_1	MTG. HOLE DETAIL REVISED; .250 ±.005 THK. PANEL WAS .300 REF; ADDED DATEM A AND CONCENTRIC TOL/ECO 8852	1-23-86	J.J./R.V.
01_2	.200±.001 WAS .196+.004/-0.003 PER ECO 9097	3-13-86	J.J./R.V.
02_0	DEEPEND MOUNTING HOLE PER ECN 87-1456	J.M. 12-4-87	PCV
02_1	REDRAWN AND UPDATED PER ECN 88-0678	M.C. 2-1-90	BB 2-5-90
02_2	ADDED A.P.#, .150 MIN THD WAS .170 ECN 90-1165	BB 12-11-90	KCM
02_3	ADDED ELECT/MECH/ENV DATA PER ECN 92-0010	BB 11/12/92	J.C. 11/13/92
B	REVISED PER ECN 0U20-0262-01	G.V. 12/17/92	JGH

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
"O" - RING	FLOUROSILOCONE PER MIL-R-25988, CLASS I, TYPE I.	N/A
HERMETIC SEAL	GLASS BEAD	N/A

ELECTRICAL	MECHANICAL	ENVIRONMENTAL
Nominal Impedance (Ohms) 50	Interface Dimensions Per OMNI-SPECTRA CATALOG	TEMPERATURE RATING -65°C TO +125°C
Frequency Range (GHz) DC - 18.0	Recommended Mating Torque N/A	Vibration - MIL-STD-202, Method 204, Condition D, 20G's
Volt Rating (VRMS MAX) 375 @ Sea Level	Mating Characteristics	Shock - MIL-STD-202, Method 213, Condition I
VSWR 1.06 + .01 F(GHz)	Insertion (MAX Lbs) N/A	Thermal Shock MIL-STD-202, Method 107, Condition B
Insertion Loss (dB MAX) .05√F(GHz)	Withdrawal (MIN Oz) N/A	EXCEPT HIGH TEMP 115°C
RF Leakage (dB MIN) -60 - F(GHz)	Force To Engage (Lbs MAX) 3.0	Moisture Resistance - MIL-STD-202, Method 106
Corona, 70,000 Ft (VRMS MIN) 335	Force To Disengage (Lbs MAX) 1.5	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, Procedure I, 1 x 10 <sup>-8</sup> CC/Sec
Contact Resistance (Milliohms MAX)	Axial (Lbs) 6.0	
Center Contact 6.0	Radial (In-Oz) 4.0	
Outer Contact 2.0	Weight (Grams) T.B.D.	
RF High Potential (VRMS MIN @ 5 MHz) 1000 @ Sea Level		
I.R.(Megohms) 5000		

COMPONENT	MATERIAL	FINISH
UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES TOLERANCE ON	DATE 11-10-83	AMP Incorporated 140 Fourth Avenue Waltham, MA 02451-7599
FRAC. DEC. ANGLES	11-16-83	
± 1/64 ± .005 ± °	11-18-83	
USE ASS'Y PROCEDURE	408-0460 (45-130)	TITLE OSP FIELD REPLACEABLE PANEL FEEDTHROUGH PLUG WITH HERMETIC SEAL
NO. A.P. _____	SIZE B	CODE IDENT NO. 26805
	SCALE 5:1	4557-5329-02
		REV 02_3
		SHEET 1 OF 1

CUSTOMER DRAWING AMP PART # 1059637-1 SHEET 1 OF 1 REV B

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