



REVISIONS			
REV	DESCRIPTION	DATE	APPROVED
02 <sub>2</sub>	REVISED	K.LE 2-21-97	DCpm 2/21/97

ELECTRICAL	MECHANICAL	ENVIRONMENTAL	COMPONENT	MATERIAL	FINISH
Nominal Impedance (Ohms) <u>50</u>	Interface Dimensions MIL-STD-348A, Fig. OSM 310-2, OST 313-2	Temperature Rating <u>-65 TO +165°C</u>	HOUSING	STAINLESS STEEL PER ASTM-A484 AND ASTM- A582, TYPE 303	PASSIVATE PER QQ-P-35
Frequency Range (GHz) DC to <u>15.0</u>	Recommended Mating	Vibration MIL-STD-202, Method 204, Condition D	DIELECTRIC	TFE FLUOROCARBON PER ASTM-D-1457	N/A
Volt Rating (VRMS MAX)	Torque <u>7-10(OSM), 4-6(OST) IN-LBS</u>	Shock MIL-STD-202, Method 213, Condition I	CENTER CONTACT	BERYLLIUM COPPER PER ASTM-B-196 OR ASTM-B-197, ALLOY C17300, CONDITION H	GOLD PLATE PER MIL-G-45204
⊙ Sea Level <u>335</u>	Mating Characteristics:	Thermal Shock MIL-STD-202, Method 107, Condition C,			
VSWR <u>1.05 + .008f(GHz)@5-12.4 GHz</u>	Insertion (MAX Lbs) <u>3.0(OSM), 2.0(OST)</u>	Moisture Resistance MIL-STD-202, Method 106			
<u>1.09 +.009f(GHz)@12.4-15.0 GHz</u>	Withdrawal (MIN Oz) <u>1.0(OSM), 2.0(OST)</u>	Corrosion - MIL-STD-202, Method 101, Condition B, 5% salt spray			
Insertion Loss (dB MAX) <u>.18 @ 9 GHz</u>	Force to Engage and Disengage (In-Lbs MAX) <u>2.0</u>				
RF Leakage (dB MIN) <u>-65 dB @2-3 GHz</u>	Center Contact Captivation				
Corona, 70,000 Ft (VRMS MIN) <u>250</u>	Axial (Lbs) <u>6.0</u>				
Dielectric Withstanding Voltage	Radial (In-Oz) <u>N/A</u>				
(VRMS MIN) ⊙ Sea Level <u>1,000</u>	Cable Retention				
Contact Resistance (Milliohms MAX)	Axial Force (Lbs) <u>N/A</u>				
Center Contact <u>4.1</u>	Torque (In-Oz) <u>N/A</u>				
Outer Contact <u>2.2</u>	Weight (Grams) <u>TBD</u>				
RF High Potential ⊙ Sea Level					
(VRMS MIN ⊙ 5 MHz) <u>1,000</u>					
LR.(Megohms MIN) <u>5,000</u>					
			UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES	DRAWN BY J.S DATE 8-8-867	
			FRAC. DEC. ANGLES ± 1/64 ±.005 ± 1°	CHECKED BY S.A DATE 8-15-86	
				APPD BY B.C DATE 8-18-86	
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			USE ASSY PROCEDURE	TITLE "OST" JACK TO "OSM" JACK ADAPTER	
			NO. A.P. <u>N/A</u>	SIZE B	CODE IDENT NO. 26805
				SCALE 4:1	3180-4034-02
					REV 02 <sub>2</sub>
					SHEET 1 OF 1

CUSTOMER DRAWING

AMP PART # 1057848-1  
SHEET 1 OF 1 REV A