



REVISIONS			
REV	DESCRIPTION	DATE	APPROVED
02	REVISED	07/07/94	<i>[Signature]</i>

COMPONENT	MATERIAL	FINISH
HOUSING COUPLING NUT	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
RETAINING RING	BERYLLIUM COPPER PER ASTM B 194, ALLOY C17200, CONDITION H	N/A
GASKET	SILICONE RUBBER PER ZZ-R-765	N/A

ELECTRICAL	MECHANICAL	ENVIRONMENTAL
Nominal Impedance (Ohms) 50	Interface Dimensions MIL-STD-348A Fig. 310.1 & 310.2	Temperature Rating -65°C To 125°C
Frequency Range (GHz) DC to 18	Recommended Mating Torque 7-10 in-Lb	Vibration MIL-STD-202, Method 204, Condition D
Volt Rating (VRMS MAX) Sea Level 335	Mating Characteristics: Insertion (MAX Lbs) 3	Shock MIL-STD-202, Method 213, Condition I
VSWR 1.05 + .005f(GHz)	Withdrawal (MIN Oz) 1	Thermal Shock MIL-STD-202, Method 107, Condition B, except high temp shall be +155°C
Insertion Loss (dB MAX) .03 √f(GHz)	Force to Engage and Disengage (in-Lbs MAX) 2	Moisture Resistance MIL-STD-202, Method 106
RF Leakage (dB MIN) [-60-f(GHz)]	Center Contact Captivation Axial (Lbs) 6	Corrosion - MIL-STD-202, Method 101, Condition B, 5% salt spray
Corona, 70,000 Ft (VRMS MIN) 250	Radial (in-Oz) 4	
Dielectric Withstanding Voltage (VRMS MIN) Sea Level 1500	Coupling Proof Torque (in-Lbs MIN) 15	
Contact Resistance (Milliohms MAX)	Coupling Mechanism Retention Force (Lbs MIN) 60	
Center Contact 4.0	Weight (Grams) TBD	
Outer Contact 2.0		
Cable to Housing N/A		
RF High Potential Sea Level (VRMS MIN) 5 MHz 670		
IR.(Megohms MIN) 5,000		

UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES	DRAWN BY	DATE	AMP Incorporated
TOLERANCE ON	R.L.	7/18/73	140 Fourth Avenue
FRAC DEC ANGLES	L.P.	7/18/73	Waltham, MA 02451-7599
+1/64 ±.005 ±.1°	L.P.	7/18/73	AMP
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	NO. A.P. N/A		

TITLE			
OSM PLUG TO OSM JACK ADAPTER			
SIZE B	CODE IDENT NO. 26805	2082-5133-02	REV 02
SCALE 5:1			SHEET 1 OF 1

CUSTOMER DRAWING

AMP PART # 1054426-1
SHEET 1 OF 1 REV A