



REVISIONS			
REV	DESCRIPTION	DATE	APPROVED
02 <sub>2</sub>	REVISED	4/30/97	<i>[Signature]</i>

ELECTRICAL	MECHANICAL	ENVIRONMENTAL
Nominal Impedance (Ohms) 50	Interface Dimensions	Temperature Rating -65°C to +165°C
Frequency Range (GHz) DC to 18	OSP: SEE CATALOG	Vibration MIL-STD-202, Method 204, Condition D.
Volt Rating (VRMS MAX) Sea Level 335	OSM: MIL-STD-348A FIG 310.1	Shock MIL-STD-202, Method 213, Condition I.
VSWR 1.05 +.005 (fGHz)	Recommended Mating Torque 7 - 10 in-lbs	Thermal Shock MIL-STD-202, Method 107, Condition C.
Insertion Loss (dB MAX) .06 √(fGHz)	Mating Characteristics:	Moisture Resistance MIL-STD-202, Method 106
RF Leakage (dB MIN) -60 @ 2-3(GHz)	Insertion (MAX Lbs) N/A	Corrosion - MIL-STD-202, Method 101, Condition B, 5% salt spray
Corona, 70,000 Ft (VRMS MIN) 250	Withdrawal (MIN Oz) N/A	
Dielectric Withstanding Voltage (VRMS MIN) Sea Level 1500	Force to Engage	
Contact Resistance (Milliohms MAX)	OSP END: (Lbs MAX) 3.0	
Center Contact 4.0	OSM END: (In-Lbs MAX) 2.0	
Outer Contact 2.0	Force to Disengage	
Cable to Housing N/A	OSP END: (Lbs MAX) 15	
RF High Potential Sea Level (VRMS MIN @ 5 MHz) 670	OSM END: (In-Lbs MAX) 2.0	
IR.(Megohms MIN) 5,000	Center Contact Captivation	
	Axial (Lbs) 6.0	
	Radial (In-Oz) N/A	
	Cable Retention	
	Axial Force (Lbs) N/A	
	Torque (In-Oz) N/A	
	Weight (Grams) TBD	

COMPONENT	MATERIAL	FINISH
HOUSING COUPLING NUT	STAINLESS STEEL PER ASTM-A484 AND ASTM-A582, TYPE 303	PASSIVATE PER QQ-P-35
DIELECTRIC	PTFE FLUOROCARBON PER ASTM-D-1457	N/A
CENTER CONTACT	BERYLLIUM COPPER PER ASTM-B-196 OR ASTM-B-197, 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

  

UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES	DRAWN BY BS	DATE 7/28/89	<b>AMP Incorporated</b> 140 Fourth Avenue Waltham, MA 02451-7599
TOLERANCE ON	CHECKED BY SWEET	7/31/89	
FRAC. DEC. ANGLES ± 1/64 ± .005 ± °	APPRO BY B.C.	10/20/89	
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TITLE		OSM PLUG TO OSP PLUG ADAPTER	
SIZE B	CODE IDENT NO. 26805	4581-2241-02	REV 02 <sub>2</sub>
SCALE 5 : 1			SHEET 1 OF 1

XXX = in  
XX.X = mm (REF)

CUSTOMER DRAWING AMP PART # 1059711-1 SHEET 1 OF 1 REV A