



REVISIONS			
REV	DESCRIPTION	DATE	APPROVED
01 <sub>3</sub>	REVISED	07/14/94	<i>AP</i>

ELECTRICAL	MECHANICAL	ENVIRONMENTAL
Nominal Impedance (Ohms) <u>50</u>	Interface Dimensions MIL-STD-348A, Fig. 310.1 (OSM) & 304.2 (N)	Temperature Rating <u>-65°C to +125°C</u>
Frequency Range (GHz) DC to <u>15</u>	Recommended Mating Torque: OSM: 7-10 in-lbs	Vibration MIL-STD-202, Method 204, Condition B
Volt Rating (VRMS MAX) <u>Sea Level 335</u>	Type N: 12-15 in-lbs	Shock MIL-STD-202, Method 213, Condition I
VSWR DC - 12.4GHz: <u>1.05+0.005(GHz) MAX</u>	Mating Characteristics: OSM-Insertion (MAX lbs) N/A	Thermal Shock MIL-STD-202, Method 107, Condition C, except high temp shall be +115°C
12.4 - 15.0GHz: <u>.83+0.023f(GHz) MAX</u>	Type N-Insertion (MAX lbs) 2.0	Moisture Resistance MIL-STD-202, Method 106
Insertion Loss (dB MAX) <u>.18 @ 9GHz</u>	OSM-Withdrawal (MIN oz) N/A	Corrosion - MIL-STD-202, Method 101, Condition B, 5% salt spray
RF Leakage (dB MIN) <u>-65 @ 2-3 GHz</u>	Type N-Withdrawal (MIN oz) 2.0	
Corona, 70,000 Ft (VRMS MIN) <u>250</u>	Force to Engage and Disengage OSM (in-lbs MAX) 2.0	
Dielectric Withstanding Voltage (VRMS MIN) <u>Sea Level 1,000</u>	Type N (in-lbs MAX) 6.0	
Contact Resistance (Milliohms MAX) <u>Center Contact 4.1</u>	Force to Engage and Disengage OSM (in-lbs MAX) 2.0	
<u>Outer Contact 2.2</u>	Radial (in-oz) N/A	
Cable to Housing N/A	Cable Retention	
RF High Potential @ Sea Level (VRMS MIN @ 5 MHz) <u>1,000</u>	Axial Force (lbs) N/A	
IR.(Megohms MIN) <u>5,000</u>	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 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

  

UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES	DRAWN BY <u>DRW</u> DATE <u>5/25/77</u>	AMP Incorporated 140 Fourth Avenue Waltham, MA 02451-7599
TOLERANCE ON	DESIGNED BY <u>KWH</u> DATE <u>5/26/77</u>	
FRAC. DEC. ANGLES	APPROVED BY <u>RMF</u> DATE <u>5/31/77</u>	
± 1/64 ±.005 ± °	USE ASSY PROCEDURE	
TITLE <b>OSM PLUG TO OSN JACK ADAPTER</b>		
NO. AP. <u>N/A</u>	SIZE <u>B</u> CODE IDENT NO. <u>26805</u>	REV <u>01<sub>3</sub></u>
	SCALE <u>4:1</u>	SHEET <u>1</u> OF <u>1</u>

CUSTOMER DRAWING

AMP PART # 1057381-1  
SHEET 1 OF 1 REV A