



REVISIONS			
REV	DESCRIPTION	DATE	APPROVED
01 ₃	REVISED	07/14/94	JAD

ELECTRICAL	MECHANICAL	ENVIRONMENTAL	COMPONENT	MATERIAL	FINISH
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>	HOUSING COUPLING NUT	STAINLESS STEEL PER ASTM-A484 AND ASTM- A582, TYPE 303	PASSIVATE PER ASTM-A380
Frequency Range (GHz) DC to <u>15</u>	Recommended Mating Torque: OSM: 7-10 in-lbs	Vibration MIL-STD-202, Method 204, Condition B	DIELECTRIC	TFE FLUOROCARBON PER ASTM-D-1457	N/A
Volt Rating (VRMS MAX) @ Sea Level <u>335</u>	Type N: 12-15 in-lbs	Shock MIL-STD-202, Method 213, Condition I.	CENTER CONTACT	BERYLLIUM COPPER PER ASTM B 196, ALLOY C17300, CONDITION H	GOLD PLATE PER MIL-G-45204
VSWR <u>DC - 12.4GHz: 1.05+.005f(GHz) MAX</u> <u>12.4 - 15.0GHz: .83+.023f(GHz) MAX</u>	Mating Characteristics: OSM-Insertion (MAX lbs) <u>N/A</u>	Thermal Shock MIL-STD-202, Method 107, Condition C, except high temp shall be +115°C	RETAINING RING	BERYLLIUM COPPER PER ASTM B 194, ALLOY C17200, CONDITION H	N/A
Insertion Loss (dB MAX) <u>.18 @ 9GHz</u>	Type N-Insertion (MAX lbs) <u>2.0</u>	Moisture Resistance MIL-STD-202, Method 106	GASKET	SILICONE RUBBER PER ZZ-R-765	N/A
RF Leakage (dB MIN) <u>-65 @ 2-3 GHz</u>	OSM-Withdrawal (MIN oz) <u>N/A</u>	Corrosion - MIL-STD-202, Method 101, Condition B, 5% salt spray			
Corona, 70,000 Ft (VRMS MIN) <u>250</u>	Type N-Withdrawal (MIN oz) <u>2.0</u>				
Dielectric Withstanding Voltage (VRMS MIN) @ Sea Level <u>1,000</u>	Force to Engage and Disengage OSM (in-lbs MAX) <u>2.0</u>				
Contact Resistance (Milliohms MAX) Center Contact <u>4.1</u>	Type N (in-lbs MAX) <u>6.0</u>				
Outer Contact <u>2.2</u>	Center Contact Captivation Axial (lbs) <u>6.0</u>				
Cable to Housing <u>N/A</u>	Radial (in-oz) <u>N/A</u>				
RF High Potential @ Sea Level (VRMS MIN @ 5 MHz) <u>1,000</u>	Cable Retention Axial Force (lbs) <u>N/A</u>				
I.R.(Megohms MIN) <u>5,000</u>	Torque (in-oz) <u>N/A</u>				
	Weight (Grams) <u>TBD</u>				
		<u>.XXX = in</u> <u>XX.X = mm</u>			

UNLESS OTHERWISE SPECIFIED
DIMENSIONS ARE IN INCHES
TOLERANCE ON
FRAC. DEC. ANGLES
± 1/64 ±.005 ± °

DRAWN BY	DATE
DRW	5/25/77
CHECKED BY	
KWW	5/26/77
APP'D BY	
RMF	5/31/77

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USE ASS'Y PROCEDURE
NO. AP. N/A

TITLE **OSM PLUG TO OSN JACK ADAPTER**

SIZE	CODE IDENT NO.		REV
B	26805	3082-2241-00	01 ₃
SCALE	4:1	N/A	SHEET 1 OF 1

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