



REVISIONS			
REV	DESCRIPTION	DATE	APPROVED
013	REVISED	07/14/94	<i>JAD</i>

ELECTRICAL	MECHANICAL	ENVIRONMENTAL
Nominal Impedance (Ohms) 50	Interface Dimensions MIL-STD-348A, Fig. 310.1 (OSM) & 304.2 (N)	Temperature Rating -65°C to +125°C
Frequency Range (GHz) DC to 15	Recommended Mating Torque:	Vibration MIL-STD-202, Method 204, Condition B
Volt Rating (VRMS MAX) @ Sea Level 335	OSM: 7-10 in-lbs	Shock MIL-STD-202, Method 213, Condition I.
VSWR DC - 12.4GHz: 1.05+.005f(GHz) MAX	Type N: 12-15 in-lbs	Thermal Shock MIL-STD-202, Method 107, Condition C, except high temp shall be +115°C
12.4 - 15.0GHz: .83+.023f(GHz) MAX	Mating Characteristics:	Moisture Resistance MIL-STD-202, Method 106
Insertion Loss (dB MAX) .18 @ 9GHz	OSM-Insertion (MAX lbs) N/A	Corrosion - MIL-STD-202, Method 101, Condition B, 5% salt spray
RF Leakage (dB MIN) -65 @ 2-3 GHz	Type N-Insertion (MAX lbs) 2.0	
Corona, 70,000 Ft (VRMS MIN) 250	OSM-Withdrawal (MIN oz) N/A	
Dielectric Withstanding Voltage (VRMS MIN) @ Sea Level 1,000	Type N-Withdrawal (MIN oz) 2.0	
Contact Resistance (Milliohms MAX) Center Contact 4.1	Force to Engage and Disengage OSM (in-lbs MAX) 2.0	
Outer Contact 2.2	Type N (in-lbs MAX) 6.0	
Cable to Housing N/A	Center Contact Captivation Axial (lbs) 6.0	
RF High Potential @ Sea Level (VRMS MIN @ 5 MHz) 1,000	Radial (in-oz) N/A	
I.R.(Megohms MIN) 5,000	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 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 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 B	CODE IDENT NO. 26805	3082-2241-00	REV 013
SCALE 4:1	N/A	SHEET 1 OF 1	

.XXX = in
XX.X = mm

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