



REVISIONS			
REV	DESCRIPTION	DATE	APPROVED
010	RELEASED	12/11/95	D. Comello

**COPY IN PUERTO RICO
DESIGN CONTROL REQUIRED**

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 QQ-P-35
Frequency Range (GHz) DC to <u>15</u>	Recommended Mating Torque: <u>OSM: 7-10 in-lbs</u>	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>	<u>Type N: 12-15 in-lbs</u>	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 DC - 12.4GHz: <u>1.05+0.005f(GHz) MAX</u>	Mating Characteristics: <u>OSM-Insertion (MAX lbs) 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
<u>12.4 - 15.0GHz: .83+0.023f(GHz) MAX</u>	<u>Type N-Insertion (MAX lbs) 2.0</u>	Moisture Resistance MIL-STD-202, Method 106	GASKET	SILICONE RUBBER PER ZZ-R-765	N/A
Insertion Loss (dB MAX) <u>.18 @ 9GHz</u>	<u>OSM-Withdrawal (MIN oz) N/A</u>	Corrosion - MIL-STD-202, Method 101, Condition B, 5% salt spray			
RF Leakage (dB MIN) <u>-65 @ 2-3 GHz</u>	<u>Type N-Withdrawal (MIN oz) 2.0</u>				
Corona, 70,000 Ft (VRMS MIN) <u>250</u>	Force to Engage and Disengage <u>OSM (in-lbs MAX) 2.0</u>				
Dielectric Withstanding Voltage (VRMS MIN) @ Sea Level <u>1,000</u>	<u>Type N (in-lbs MAX) 6.0</u>				
Contact Resistance (Milliohms MAX) <u>Center Contact 4.1</u>	Center Contact Captivation <u>Axial (lbs) 6.0</u>				
<u>Outer Contact 2.2</u>	<u>Radial (in-oz) N/A</u>				
<u>Cable to Housing N/A</u>	Cable Retention <u>Axial Force (lbs) N/A</u>				
RF High Potential @ Sea Level (VRMS MIN @ 5 MHz) <u>1,000</u>	<u>Torque (in-oz) N/A</u>				
IR.(Megohms MIN) <u>5,000</u>	<u>Weight (Grams) TBD</u>				

.XXX = in
XX.X = mm

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

DRAWN BY: JAVIER DATE: 12/8/95
CHECKED BY: [Signature]
APP'D BY: D. Comello DATE: 12/11/95

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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	010
SCALE 4:1	N/A	SHEET 1 OF 1