



REVISIONS			
REV	DESCRIPTION	DATE	APPROVED
03 ₁	REVISED	06/09/94	JAD

ELECTRICAL	MECHANICAL	ENVIRONMENTAL
Nominal Impedance (Ohms) <u>50</u>	Interface Dimensions MIL-STD-348A, Fig. TNC: 313.3 OSM:310.2	Temperature Rating <u>-65°C to +165°C</u>
Frequency Range (GHz) DC to <u>11</u>	Recommended Mating	Vibration MIL-STD-202, Method 204, Condition D.
Volt Rating (VRMS MAX) @ Sea Level <u>335</u>	Torque TNC Only: <u>15 in-lbs</u>	Shock MIL-STD-202, Method 213, Condition I.
VSWR <u>1.15 ± .015 f(GHz)</u>	Mating Characteristics:	Thermal Shock MIL-STD-202, Method 107, Condition C
Insertion Loss (dB MAX) <u>.06 √f(GHz)</u>	Insertion (MAX Lbs) <u>3.0</u>	Moisture Resistance MIL-STD-202, Method 106
RF Leakage (dB MIN) <u>-60 @ 2-3GHz</u>	Withdrawal (MIN Oz) <u>1.0</u>	Corrosion - MIL-STD-202, Method 101, Condition B, 5% salt spray
Corona, 70,000 Ft (VRMS MIN) <u>375</u>	Force to Engage and Disengage (In-Lbs MAX) <u>2.0</u>	
Dielectric Withstanding Voltage (VRMS MIN) @ Sea Level <u>1,000</u>	Center Contact Captivation	
Contact Resistance (Milliohms MAX)	Axial (Lbs) <u>6.0</u>	
Center Contact <u>4.5</u>	Radial (In-Oz) <u>N/A</u>	
Outer Contact <u>2.2</u>	Cable Retention	
Cable to Housing <u>N/A</u>	Axial Force (Lbs) <u>N/A</u>	
RF High Potential @ Sea Level	Torque (In-Oz) <u>N/A</u>	
(VRMS MIN @ 5 MHz) <u>1,000</u>	Weight (Grams) <u>TBD</u>	
I.R.(Megohms MIN) <u>5,000</u>		

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	DRAWN BY	DATE	AMP Incorporated 140 Fourth Avenue Waltham, MA 02451-7599
	SWA	6/25/85	
FRAC. DEC. ANGLES ± 1/64 ±.005 ± °	CHECKED BY		AMP
	AH	6/26/85	
These drawings and specifications are the property of Omni Spectra Incorporated and shall not be reproduced or copied or used in whole or in part as the basis for the manufacture or sale of item(s) without written permission.	APPD BY		TITLE TNC PLUG TO OSM JACK ADAPTER
	DR	7/2/85	
USE ASS'Y PROCEDURE	NO. AP.	N/A	SIZE B
			CODE IDENT NO. 26805
			3182-2240-00
			REV 03 ₁
			SCALE 8 : 1
			SHEET 1 OF 1