



REVISIONS			
REV	DESCRIPTION	DATE	APPROVED
021	REVISED	9/25/98	

ELECTRICAL	MECHANICAL	ENVIRONMENTAL
Nominal Impedance (Ohms) <u>50</u>	Interface Dimensions MIL-STD-348A, Fig. 310.2 (OSM) & 304.2 (N)	Temperature Rating <u>-65°C to +125°C</u>
Frequency Range (GHz) DC to <u>18</u>	Recommended Mating Torque <u>N/A</u>	Vibration MIL-STD-202, Method 204, Condition B
Volt Rating (VRMS MAX) @ Sea Level <u>335</u>	Mating Characteristics: OSM-Insertion (MAX lbs) <u>3.0</u>	Shock MIL-STD-202, Method 213, Condition I.
VSWR <u>DC - 12.4GHz: 1.06+.005f(GHz) MAX</u> <u>12.4 - 18.0GHz: .83+.023f(GHz) MAX</u>	Type N-Insertion (MAX lbs) <u>2.0</u>	Thermal Shock MIL-STD-202, Method 107, Condition C, except high temp shall be +115°C
Insertion Loss (dB MAX) <u>.18 @ 9GHz</u>	OSM-Withdrawal (MIN oz) <u>1.0</u>	Moisture Resistance MIL-STD-202, Method 106
RF Leakage (dB MIN) <u>-65 @ 2-3 GHz</u>	Type N-Withdrawal (MIN oz) <u>2.0</u>	Corrosion - MIL-STD-202, Method 101, Condition B, 5% salt spray
Corona, 70,000 Ft (VRMS MIN) <u>250</u>	Force to Engage and Disengage OSM (in-lbs MAX) <u>2.0</u>	
Dielectric Withstanding Voltage (VRMS MIN) @ Sea Level <u>1,000</u>	Type N (in-lbs MAX) <u>6.0</u>	
Contact Resistance (Milliohms MAX) Center Contact <u>4.1</u>	Center Contact Captivation Axial (lbs) <u>6.0</u>	
Outer Contact <u>2.2</u>	Radial (in-oz) <u>4.0</u>	
Cable to Housing <u>N/A</u>	Cable Retention Axial Force (lbs) <u>N/A</u>	
RF High Potential @ Sea Level (VRMS MIN @ 5 MHz) <u>1,000</u>	Torque (in-oz) <u>N/A</u>	
I.R.(Megohms MIN) <u>5,000</u>	Weight (Grams) <u>TBD</u>	

COMPONENT	MATERIAL	FINISH
HOUSING	STAINLESS STEEL PER ASTM-A484 AND ASTM-A582, TYPE 303	PASSIVATE PER QQ-P-35
DIELECTRIC	PTFE FLUOROCARBON PER ASTM-D-1457	N/A
CENTER CONTACT	BERYLLIUM COPPER PER ASTM-B-196 OR ASTM-B-197, ALLOY C17300, CONDITION H	GOLD PLATE PER MIL-G-45204

  

UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES TOLERANCE ON	DRAWN BY <u>D. CAM</u> DATE <u>1-3-79</u>	 M/A-COM a Division of AMP Incorporated 140 Fourth Avenue Waltham, MA 02154-7577
FRAC. DEC. ANGLES	CHECKED BY <u>KW</u> DATE <u>8 JAN 79</u>	
<u>± 1/64 ±.005 ± °</u>	APPD BY <u>GH</u> DATE <u>1-12-79</u>	

  

USE ASS'Y PROCEDURE	TITLE <u>HI FREQUENCY OSN JACK TO OSM JACK ADAPTER</u>
NO. AP. <u>N/A</u>	SIZE <u>B</u> CODE IDENT NO. <u>26805</u> 3680-2240-00 REV <u>021</u>
	SCALE <u>4 : 1</u> SHEET <u>1 OF 1</u>

.XXX = in  
XX.X = mm (REF)

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