



REVISIONS			
REV	DESCRIPTION	DATE	APPROVED
A	REV/REDRAWN PER ECN #16890	12/2/86	LASWETT
011	REVISED PER ECN 92-0010	08/21/92	<i>M.M.</i> <i>R.C.</i> 7/26/93

ELECTRICAL	MECHANICAL	ENVIRONMENTAL
Nominal Impedance (Ohms) <u>50</u>	Interface Dimensions	Temperature Rating <u>-65°C to +165°C</u>
Frequency Range (GHz) <u>DC to 4</u>	BNC <u>MIL-STD-348A Fig. 301.1</u>	Vibration <u>MIL-STD-202, Method 204, Condition D</u>
Volt Rating (VRMS MAX)	OSM <u>MIL-STD-348A Fig. 310.2</u>	Shock <u>MIL-STD-202, Method 213, Condition I</u>
@ Sea Level <u>335</u>	Recommended Mating Torque	Thermal Shock <u>MIL-STD-202, Method 107, Condition B,</u>
VSWR <u>1.30 Max at 0.5 to 4.0 GHz</u>	<u>4-6 In-Lbs</u>	Moisture Resistance <u>MIL-STD-202, Method 106</u>
Insertion Loss (dB MAX) <u>0.2√f(GHz)</u>	Mating Characteristics:	Corrosion - <u>MIL-STD-202, Method 101, Condition B, 5% salt spray</u>
RF Leakage (dB MIN) <u>-55, 2 to 3 GHz</u>		
Corona, 70,000 Ft (VRMS MIN) <u>250</u>	Insertion (Lbs Max) <u>N/A</u> <u>3.0</u>	
Dielectric Withstanding Voltage	Withdrawal (Oz Min) <u>N/A</u> <u>1.0</u>	
(VRMS MIN) @ Sea Level <u>1500</u>	Force to Engage/Disengage	
Contact Resistance (Milliohms MAX)	Longitudinal	
Center Contact <u>4.1</u>	Force (Lb Max) <u>3.0</u> <u>N/A</u>	
Outer Contact <u>2.2</u>	Torque (In-Lb Max) <u>2.5</u> <u>2.0</u>	
RF High Potential @ Sea Level	Contact Retention	
(VRMS MIN @ 5 MHz) <u>670</u>	Axial (Lbs Min) <u>6.0</u>	
I.R.(Megohms MIN) <u>5000</u>	Radial (In-Oz) <u>N/A</u>	
	Weight (Grams) <u>TBD</u>	

COMPONENT	MATERIAL	FINISH
HOUSING (OSB)	BRASS PER QQ-B-626 COMP. 360, HALF HARD	NICKEL PLATE PER QQ-N-290
HOUSING (OSM)	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, ALLOY C17300, CONDITION H	GOLD PLATE PER MIL-G-45204 OVER COPPER PLATE PER MIL-C-14550

  

UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES TOLERANCE ON	DRAWN BY	DATE	AMP Incorporated 140 Fourth Avenue Waltham, MA 02451-7599
	<u>S. ALLERDICE</u>	<u>11/24/86</u>	
FRAC. DEC. ANGLES	CHECKED BY		
<u>± 1/64 ±.005 ± °</u>	<u>LASWETT</u>	<u>12/2/86</u>	
	APPD BY		
	<u>B. CLEVELAND</u>	<u>1/16/87</u>	

  

USE ASS'Y PROCEDURE	TITLE		
NO. AP. <u>N/A</u>	<u>OSB PLUG TO OSM JACK ADAPTER</u>		
	SIZE	CODE IDENT NO.	REV
	<u>B</u>	<u>26805</u>	<u>011</u>
	SCALE	SHEET 1 OF 1	
	<u>4:1</u>		