



REVISIONS			
REV	DESCRIPTION	DATE	APPROVED
01 <sub>2</sub>	REVISED	KYLE 9-30-97	ICpm 10/1/97

ELECTRICAL	MECHANICAL	ENVIRONMENTAL
Nominal Impedance (Ohms) <u>50</u>	Interface Dimensions MIL-STD-348A, Fig. 310-2(OSM), 313-2(OST)	Temperature Rating <u>-65°C TO +125°C</u>
Frequency Range (GHz) <u>DC to 15.0</u>	Mating Characteristics: (OSM) (OST)	Vibration, high frequency: MIL-STD-202 METHOD 204 Condition D
Volt Rating (VRMS MAX) @ Sea Level <u>335</u>	Insertion (MAX Lbs) <u>3.0 2.0</u>	Shock MIL-STD-202, Method 213, Condition I
VSWR <u>1.10 MAX Dc-2.0 GHz</u>	Withdrawal (MIN Oz) <u>1.0 2.0</u>	Thermal Shock MIL-STD-202, Method 107, Condition C.
<u>1.20 MAX 2.0-8.0 GHz</u>	Force to Engage and Disengage (In-Lbs MAX) <u>2.0</u>	Moisture Resistance 200 megaohms, min within 5 minutes after removal from humidity
<u>1.35 MAX 8.0-18.0 GHz</u>	Center Contact Captivation	Corrosion - MIL-STD-202, Method 101, Condition B, 5% salt spray
Insertion Loss (dB MAX) <u>.18 @ 9 GHz</u>	Axial (Lbs) <u>6.0</u>	
RF Leakage (dB MIN) <u>-65 @ 2-3 GHz</u>	Radial (In-Oz) <u>N/A</u>	
Corona, 70,000 Ft (VRMS MIN) <u>250</u>	Weight (Grams) <u>TBD</u>	
Dielectric Withstanding Voltage (VRMS MIN) @ Sea Level <u>1,000</u>		
Contact Resistance (Milliohms MAX)		
Center Contact <u>4.1</u>		
Outer Contact <u>2.2</u>		
RF High Potential @ Sea Level (VRMS MIN @ 5 MHz) <u>1,000</u>		
LR.(Megohms MIN) <u>5,000</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		DRAWN BY A.H DATE 2-22-86		 <b>AMP Incorporated</b> 140 Fourth Avenue Waltham, MA 02451-7599
FRAC. ± 1/64	DEC. ± .005	CHECKED BY S.A DATE 2-26-86	APPD BY BWC DATE 2-26-86	
ANGLES ± 1°				

  

USE ASSY PROCEDURE	TITLE "OSM" JACK TO "OST" JACK ADAPTER HIGH FREQ(18 GHz)		
NO. A.P. <u>N/A</u>	SIZE <u>B</u>	CODE IDENT NO. <u>26805</u>	REV <u>01<sub>2</sub></u>
	SCALE <u>6:1</u>	<u>3780-4012-02</u>	SHEET 1 OF 1

DESIGN CONTROL REQUIRED

CUSTOMER DRAWING

AMP PART # 1223094-1  
SHEET 1 OF 1 REV A