



REVISIONS			
REV	DESCRIPTION	DATE	APPROVED
01 ₂	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 2-22-86	DATE 2-22-86	 AMP Incorporated 140 Fourth Avenue Waltham, MA 02451-7599
FRAC. ± 1/64	CHECKED BY S.A 2-26-86	DATE 2-26-86	
DEC. ± .005	APPD BY BWC 2-26-86	DATE 2-26-86	
THESE DRAWINGS AND SPECIFICATIONS ARE THE PROPERTY OF M/A COM INTERCONNECT DIV. 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.		USE ASSY PROCEDURE	TITLE "OSM" JACK TO "OST" JACK ADAPTER HIGH FREQ(18 GHz)
NO. A.P. <u>N/A</u>		SIZE B	CODE IDENT NO. 26805
		SCALE 6:1	REV 01 ₂
		SHEET 1 OF 1	

DESIGN CONTROL REQUIRED

CUSTOMER DRAWING

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