



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. <u>310-2(OSM), 313-2(OST)</u>	Temperature Rating <u>-65°C TO +125°C</u>	HOUSING	STAINLESS STEEL PER ASTM-A484 AND ASTM- A582, TYPE 303	PASSIVATE PER QQ-P-35	<div>AMP</div> <div>AMP Incorporated 140 Fourth Avenue Waltham, MA 02451-7599</div>	
Frequency Range (GHz) <u>DC to 15.0</u>	Mating Characteristics: (OSM) (OST)	Vibration, high frequency: MIL-STD-202 METHOD 204	DIELECTRIC	PTFE FLUOROCARBON PER ASTM-D-1457	N/A		
Volt Rating (VRMS MAX) @ Sea Level <u>335</u>	Insertion (MAX Lbs) <u>3.0</u> <u>2.0</u>	Condition D	CENTER CONTACT	BERYLLIUM COPPER PER ASTM-B-196 OR ASTM-B-197, ALLOY C17300, CONDITION H	GOLD PLATE PER MIL-G-45204		
VSWR <u>1.10</u> MAX Dc-2.0 GHz	Withdrawal (MIN Oz) <u>1.0</u> <u>2.0</u>	Shock MIL-STD-202, Method 213, Condition I	COMPONENT	MATERIAL	FINISH		
<u>1.20</u> MAX 2.0-8.0 GHz	Force to Engage and Disengage (In-Lbs MAX) <u>2.0</u>	Thermal Shock MIL-STD-202, Method 107, Condition C.	UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES	DRAWN BY A. H DATE 2-22-86	<div>AMP</div>		
<u>1.35</u> MAX 8.0-18.0 GHz	Center Contact Captivation	Moisture Resistance 200 megaohms, min within 5 minutes after removal from humidity	FRAC. ± 1/64	DEC. ±.005			CHECKED BY S. A DATE 2-26-86
Insertion Loss (dB MAX) <u>.18</u> @ 9 GHz	Axial (Lbs) <u>6.0</u>	Corrosion - MIL-STD-202, Method 101, Condition B, 5% salt spray	ANGLES ± 1°	APP'D BY BWC DATE 2-26-86			USE ASS'Y PROCEDURE
RF Leakage (dB MIN) <u>-65</u> @ 2-3 GHz	Radial (In-Oz) <u>N/A</u>	<u>.XXX = in</u> <u>XX.X = mm (REF)</u>	These drawings and speci- fications 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 o f item(s) without written permission.			TITLE "OSM" JACK TO "OST" JACK ADAPTER HIGH FREQ(18 GHz)	
Corona, 70,000 Ft (VRMS MIN) <u>250</u>	Weight (Grams) <u>TBD</u>		NO. A.P. <u>N/A</u>			SIZE B	
Dielectric Withstanding Voltage (VRMS MIN) @ Sea Level <u>1,000</u>						CODE IDENT NO. 26805	
Contact Resistance (Milliohms MAX)						3780-4012-02	
Center Contact <u>4.1</u>						REV 01 ₂	
Outer Contact <u>2.2</u>						SCALE 6:1	
RF High Potential @ Sea Level (VRMS MIN @ 5 MHz) <u>1,000</u>						SHEET 1 OF 1	
I.R.(Megohms MIN) <u>5,000</u>							

DESIGN CONTROL REQUIRED

CUSTOMER DRAWING

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

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