



REVISIONS			
REV	DESCRIPTION	DATE	APPROVED
02 <sub>2</sub>	REVISED	K.LE 2-21-97	DC 2/21/97

ELECTRICAL	MECHANICAL	ENVIRONMENTAL	COMPONENT	MATERIAL	FINISH
Nominal Impedance (Ohms) 50	Interface Dimensions MIL-STD-348A, Fig. OSM 310-2, OST 313-2	Temperature Rating -65 TO +165°C	HOUSING	STAINLESS STEEL PER ASTM-A484 AND ASTM- A582, TYPE 303	PASSIVATE PER QQ-P-35
Frequency Range (GHz) DC to 15.0	Recommended Mating	Vibration MIL-STD-202, Method 204, Condition D	DIELECTRIC	TFE FLUOROCARBON PER ASTM-D-1457	N/A
Volt Rating (VRMS MAX) Sea Level 335	Torque 7-10(OSM), 4-6(OST) IN-LBS	Shock MIL-STD-202, Method 213, Condition I	CENTER CONTACT	BERYLLIUM COPPER PER ASTM-B-196 OR ASTM-B-197, ALLOY C17300, CONDITION H	GOLD PLATE PER MIL-G-45204
VSWR 1.05 + .008f(GHz) @ 5-12.4 GHz 1.09 + .009f(GHz) @ 12.4-15.0 GHz	Mating Characteristics: Insertion (MAX Lbs) 3.0(OSM), 2.0(OST) Withdrawal (MIN Oz) 1.0(OSM), 2.0(OST)	Thermal Shock MIL-STD-202, Method 107, Condition C			
Insertion Loss (dB MAX) .18 @ 9 GHz	Force to Engage and Disengage (In-Lbs MAX) 2.0	Moisture Resistance MIL-STD-202, Method 106			
RF Leakage (dB MIN) -65 dB @ 2-3 GHz Carana, 70,000 Ft (VRMS MIN) 250	Center Contact Captivation	Corrosion - MIL-STD-202, Method 101, Condition B, 5% salt spray			
Dielectric Withstanding Voltage (VRMS MIN) @ Sea Level 1,000	Axial (Lbs) 6.0				
Contact Resistance (Milliohms MAX)	Radial (In-Oz) N/A				
Center Contact 4.1	Cable Retention				
Outer Contact 2.2	Axial Force (Lbs) N/A				
RF High Potential @ Sea Level (VRMS MIN @ 5 MHz) 1,000	Torque (In-Oz) N/A				
IR (Megohms MIN) 5,000	Weight (Grams) TBD				
		.XXX = in XX.X = mm (REF)	UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES	DRAWN BY J.S 8-8-86 CHECKED BY S.A 8-15-86 APPD BY B.C 8-18-86	AMP Incorporated 140 Fourth Avenue Waltham, MA 02451-7599
			FRAC. DEC. ANGLES + 1/64 +.005 * °	USE ASSY PROCEDURE	TITLE 'OST' JACK TO 'OSM' JACK ADAPTER
			These drawings and specifications are the property of M/A CDM 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 items without written permission.	NO. A.P. N/A	SIZE B CODE IDENT NO. 3180-4034-02 SCALE 4:1
					REV 02 <sub>2</sub> SHEET 1 OF 1

CUSTOMER DRAWING

AMP PART # 1057848-1  
SHEET 1 OF 1 REV A