



REVISIONS		
REV	DESCRIPTION	DATE APPROVED
01 <sub>0</sub>	RELEASED, WAS QRC	6/18/93 <i>SP</i> <i>BB</i> 6/19/93

ELECTRICAL	MECHANICAL	ENVIRONMENTAL
Nominal Impedance (Ohms) 50	Interface Dimensions	Temperature Rating -65°C To +125°C
Frequency Range (GHz) DC to 12.4	<b>POLARIZED *OSM* JACK</b>	Vibration MIL-STD-202, Method 204, Condition D
Volt Rating (VRMS MAX)	Recommended Mating	Shock MIL-STD-202, Method 213, Condition I
Sea Level 335	Torque N/A	Thermal Shock MIL-STD-202, Method 107, Condition B Except High Temp Shall Be +115°C
VSWR N/A	Mating Characteristics:	Moisture Resistance MIL-STD-202, Method 106
Insertion Loss (dB MAX) N/A	Insertion (MAX Lbs) 3.0	Corrosion - MIL-STD-202, Method 101, Condition B, 5% salt spray
RF Leakage (dB MIN) N/A	Withdrawal (MIN Oz) 1.0	
Corona, 70,000 Ft (VRMS MIN) 250	Force to Engage and Disengage (In-Lbs MAX) 2.0	
Dielectric Withstanding Voltage (VRMS MIN @ Sea Level) 1,000	Center Contact Captivation	
Contact Resistance (Milliohms MAX)	Axial (Lbs) 6.0	
Center Contact 2.0	Radial (In-Oz) 4.0	
Outer Contact 2.0	Cable Retention	
Cable to Housing N/A	Axial Force (Lbs) N/A	
RF High Potential @ Sea Level (VRMS MIN @ 5 MHz) 670	Torque (In-Oz) N/A	
IR (Megohms MIN) 10,000	Weight (Grams) 3.1	

COMPONENT	MATERIAL	FINISH
HOUSING CAP	STAINLESS STEEL PER ASTM-A484 AND ASTM-A582, TYPE 303	GOLD PLATE PER MIL-G-45204 OVER NICKEL PLATE PER QQ-N-290
DIELECTRIC	TFE FLUOROCARBON PER ASTM-D-1457	N/A
CENTER CONTACT CONTACT EXT.	BERYLLIUM COPPER PER ASTM-B-196, ALLOY C17300, CONDITION H	GOLD PLATE PER MIL-G-45204 OVER NICKEL PLATE PER QQ-N-290

UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES	DRAWN BY <i>S. Maly</i> DATE 03/18/93	AMP Incorporated 140 Fourth Avenue Waltham, MA 02451-7599
TOLEANCE ON	CHECKED BY <i>[Signature]</i>	AMP
FRAC. DEC. ANGLES	APPROVED BY <i>[Signature]</i> 3/19/93	
± 1/64 ± .005 ± .1°	USE ASSY PROCEDURE	TITLE OSM POLARIZED RIGHT ANGLE PRINTED WIRING BOARD JACK RECEPTACLE
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		2064-5059-00
		REV 01 <sub>0</sub>
		SCALE 6:1 SHEET 1 OF 1

CUSTOMER DRAWING

AMP PART # 1053392-1  
SHEET 1 OF 1 REV A