



REVISIONS			
REV	DESCRIPTION	DATE	APPROVED
01 ₀	RELEASED	8/30/91	NGB
01 ₁	REVISED PER ECN 99-0223-2	DM 8/13/99	8/23/99

ELECTRICAL
Nominal Impedance (Ohms) <u>50</u>
Frequency Range (GHz) <u>DC to 12.4</u>
Volt Rating (VRMS MAX) @ Sea Level <u>335</u>
VSWR <u>1.10 + .015f(GHz)</u>
Insertion Loss (dB MAX) <u>.15 √f @ 6GHz</u>
RF Leakage (dB MIN) <u>-60 @ 2 To 3GHz</u>
Corona, 70,000 Ft (VRMS MIN) <u>250</u>
Dielectric Withstanding Voltage (VRMS MIN) @ Sea Level <u>1000</u>
Contact Resistance (Milliohms MAX) Center Contact <u>8.0</u> Outer Contact <u>4.0</u> Cable to Housing <u>N/A</u>
RF High Potential @ Sea Level (VRMS MIN @ 5 MHz) <u>670</u>
LR.(Megohms MIN) <u>5,000</u>

MECHANICAL
Interface Dimensions MIL-STD-348A, Fig. <u>310.2</u>
Recommended Mating Torque <u>7 To 10 In-Lbs</u>
Mating Characteristics: Insertion (MAX Lbs) <u>3.0</u> Withdrawal (MIN Oz) <u>1.0</u>
Force to Engage and Disengage (In/Lbs MAX) <u>2.0</u>
Center Contact Captivation Axial (Lbs) <u>6.0</u> Radial (In/Oz) <u>N/A</u>
Cable Retention Axial Force (Lbs) <u>N/A</u> Torque (In/Oz) <u>N/A</u>
Weight (Grams) <u>TBD</u>

ENVIRONMENTAL
Temperature Rating <u>-65°C To 165°C</u>
Vibration MIL-STD-202, Method <u>204, Condition D</u>
Shock MIL-STD-202, Method <u>213,</u> <u>Condition I</u>
Thermal Shock MIL-STD-202, Method <u>107, Condition C</u>
Moisture Resistance MIL-STD-202, Method <u>106, Except Vibration</u>
Shall Be Omitted <u>200 Megaohms MIN</u>
Corrosion - MIL-STD-202, Method <u>101, Condition B, 5% salt spray</u>

COMPONENT	MATERIAL	FINISH
HOUSING	STAINLESS STEEL PER ASTM-A484 AND ASTM- A582, TYPE 303	PASSIVATE PER ASTM-A380
DIELECTRIC	TFE FLUOROCARBON PER ASTM-D-1457	N/A
CENTER CONTACT	BERYLLIUM COPPER PER ASTM B 196, ALLOY C17300, CONDITION H	GOLD PLATE PER MIL-G-45204 OVER COPPER PLATE PER MIL-C-14550

UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES TOLERANCE ON FRAC. DEC. ANGLES ± 1/64 ±.005 ± °	DRAWN BY <u>MC</u> DATE <u>8-27-91</u>	AMP AMP Incorporated 140 Fourth Avenue Waltham, MA 02451-7599		
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USE ASS'Y PROCEDURE	APPD BY <u>NGB</u> DATE <u>8/30/91</u>			
NO. AP. <u>N/A</u>	TITLE <u>OSM FLANGE MOUNT BULKHEAD JACK TO JACK ADAPTER MIL-A-55339/28-30002</u>			
	SIZE <u>B</u>	CODE IDENT NO. <u>26805</u>	<u>2084-8002-92</u>	REV <u>01₁</u>
	SCALE <u>4:1</u>	SHEET 1 OF 1		

CUSTOMER DRAWING

AMP PART # 1054988-1
SHEET 1 OF 1 REV A