



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	CHECKED BY <u>NGB</u> DATE <u>8/30/91</u>	AMP Incorporated 140 Fourth Avenue Waltham, MA 02451-7599
These drawings and specifications are the property of AMP Incorporated 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 ASS'Y PROCEDURE		TITLE OSM FLANGE MOUNT BULKHEAD JACK TO JACK ADAPTER MIL-A-55339/28-30002	
	NO. AP. <u>N/A</u>		SIZE <u>B</u>	CODE IDENT NO. <u>26805</u>
		SCALE <u>4:1</u>	REV <u>01₁</u> SHEET 1 OF 1	