



REVISIONS			
REV	DESCRIPTION	DATE	APPROVED
01	RELEASED	4/22/94	<i>M.A.</i>
B	REVISED PER ECN 0U20-0262-01	G.V. 12/17/02	JGH

ELECTRICAL	MECHANICAL	ENVIRONMENTAL
Nominal Impedance (Ohms) <u>50</u>	Interface Dimensions <u>SEE CATALOG</u>	TEMPERATURE RATING <u>-65° TO +125°C</u>
Frequency Range (GHz) <u>DC to 18</u>	Mating Characteristics:	Vibration MIL-STD-202, Method 204, Condition D
Volt Rating (VRMS MAX) @ Sea Level <u>335</u>	Insertion (MAX Lbs) <u>3</u>	Shock MIL-STD-202, Method 213, Condition I
VSWR <u>1.04+ .006f(GHz)</u> DC to 18 GHz	Withdrawal (MIN Oz) <u>1</u>	Thermal Shock MIL-STD-202, Method 107, Condition B
Insertion Loss (dB MAX) <u>.03x √f(GHz)</u>	Force to Engage (In-Lbs MAX) <u>3</u> & Disengage (In-Lbs MAX) <u>1.5</u>	Moisture Resistance MIL-STD-202, Method 106
RF Leakage (dB MIN) (Interface Only, Fully Mated) <u>-(90-f(GHz))</u>	Center Contact Captivation	Corrosion - MIL-STD-202, Method 101, Condition B
Corona, 70,000 Ft (VRMS MIN) <u>N/A</u>	Axial (Lbs) <u>6</u>	
Dielectric Withstanding Voltage (VRMS MIN) @ Sea Level <u>1000</u>	Cable Retention	
Contact Resistance (Milliohms MAX)	Axial Force (Lbs MIN) <u>N/A</u>	
Center Contact <u>2.0</u>	Torque (In-Oz MIN) <u>N/A</u>	
Outer Contact <u>2.0</u>	Weight (Grams) <u>TBD</u>	
Cable to Housing <u>N/A</u>		
RF High Potential @ Sea Level (VRMS MIN @ 5 MHz) <u>670</u>		
I.R.(Megohms MIN) <u>5000</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
EMI GASKET	CONDUCTIVE ELASTOMERS PER MIL-G-83528	N/A
O-RING	FLOUROSILICONE PER MIL-R- 25988, CLASS I, TYPE I.	N/A

UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES TOLERANCE ON FRAC. DEC. ANGLES ± 1/64 ± .005 ± 1°	DRAWN BY <i>M.A.</i> DATE 4/22/94		AMP Incorporated 140 Fourth Avenue Waltham, MA 02451-7599		
	CHECKED BY		TITLE DSP 2 HOLE FLANGE MOUNT PLUG RECEPT. WITH EMI GASKET ACCEPTS .017/.019 DIA PIN		
These drawings and specifications are the property of M/A-COM Interconnect Division 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.	APP'D BY	USE ASS'Y PROCEDURE	SIZE B	CODE IDENT NO. 26805	REV 01
	NO. AP. <u>N/A</u>	SCALE 4:1	4551-5047-02		SHEET 1 OF 1