



REVISIONS			
REV	DESCRIPTION	DATE	APPROVED
01_2	REDRAWN IN CAD PER ECN 98-0001	PATLAN 4/02/98	4/3/98 <i>[Signature]</i>

ELECTRICAL	MECHANICAL	ENVIRONMENTAL
Nominal Impedance (Ohms) <u>50</u>	Interface Dimensions MIL-STD-348A, Fig. 310.2	Temperature Rating <u>-65°C to +105°C</u>
Frequency Range (GHz) <u>DC to 18.0</u>	Recommended Mating Torque <u>7-10 IN LBS</u>	Thermal Shock - MIL-STD-202, Method 107, Condition A,
Volt Rating (VRMS MAX) @ Sea Level <u>335</u>	Mating Characteristics: Insertion (MAX Lbs) <u>3.0</u>	Corrosion - MIL-STD-1344, Method 1001, Condition B
VSWR <u>1.35 + .01f(GHz)</u>	Withdrawal (MIN Oz) <u>1.0</u>	Moisture Resistance - MIL-STD-202, Method 106. No measurements at high humidity. Insulation resistance shall be at least 200 Meg Ohms within 5 minutes after removal from humidity.
Insertion Loss (dB MAX) <u>.07 √f(GHz)</u>	Force to Engage and Disengage (In-Lbs MAX) <u>2.0</u>	
RF Leakage (dB MIN) <u>N/A</u>	Center Contact Captivation: Axial (Lbs) <u>6.0</u>	
Corona, 70,000 Ft (VRMS MIN) <u>N/A</u>	Radial (In-Oz) <u>4.0</u>	
Dielectric Withstanding Voltage (VRMS MIN) @ Sea Level <u>1,000</u>	Cable Retention: Axial Force (Lbs) <u>N/A</u>	
Contact Resistance (Milliohms MAX): Center Contact <u>3.0</u>	Torque (In-Oz) <u>N/A</u>	
Outer Contact <u>2.0</u>	Weight (Grams) <u>1.7</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>5,000</u>		

COMPONENT	MATERIAL	FINISH
HOUSING	STAINLESS STEEL PER ASTM-A484 AND ASTM-A582, TYPE 303	PASSIVATE PER QQ-P-35
DIELECTRIC	PTFE FLUOROCARBON PER ASTM-D-1457	N/A
CENTER CONTACT	BERYLLIUM COPPER PER ASTM-B-196 OR ASTM-B-197, ALLOY C17300, CONDITION H	GOLD PLATE PER MIL-G-45204

  

UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES		DRAWN BY <u>GB.</u> DATE <u>3-07-84</u>		<b>AMP</b> AMP Incorporated 140 Fourth Avenue Waltham, MA 02451-7599
FRAC. ± 1/64	DEC. ±.005	ANGLES ± 1°	CHECKED BY <u>R.G.</u> DATE <u>3-26-84</u>	
			APPD BY <u>R.G.</u> DATE <u>3-26-84</u>	

  

USE ASSY PROCEDURE	TITLE <u>SMA FLANGE MOUNT JACK RECEPTACLE CAPTURED CENTER CONTACT TAB TERMINAL (M83517/1-31001)</u>		
NO. A.P. <u>N/A</u>	SIZE <u>B</u>	CODE IDENT NO. <u>26805</u>	REV <u>01_2</u>
	SCALE <u>5:1</u>	<u>2052-8003-92</u>	SHEET 1 OF 1

.XXX = in  
XX.X = mm (REF)

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