



NOTES:  
1. CAPTURED CENTER CONTACT

ELECTRICAL	MECHANICAL	ENVIRONMENTAL	HOUSING	MATERIAL	FINISH
Nominal Impedance (Ohms) <u>50</u>	Interface Dimensions MIL-STD-348, Fig. 310.2	Temperature Rating <u>-65°C TO 125°C</u>	STAINLESS STEEL PER ASTM-A484 AND ASTM-A582, TYPE 303	PASSIVATE PER QQ-P-35	
Frequency Range (GHz) DC to <u>18.0</u>	Recommended Mating Torque <u>N/A</u>	Vibration MIL-STD-202, Method 204, Condition D	DIELECTRIC	N/A	
Volt Rating (VRMS MAX) @ Sea Level <u>335</u>	Mating Characteristics:	Shock MIL-STD-202, Method 213, Condition I	CENTER CONTACT	PTFE FLUOROCARBON PER ASTM-D-1457	GOLD PLATE PER MIL-G-45204
VSWR <u>1.05 + .005 f(GHz)</u>	Insertion (MAX Lbs) <u>2.0</u>	Thermal Shock MIL-STD-202, Method 107, Condition B		BERYLLIUM COPPER PER ASTM-B-196 OR ASTM-B-197, ALLOY C17300, CONDITION H	
Insertion Loss (dB MAX) <u>.03 √f(GHz)</u>	Withdrawal (MIN Oz) <u>1.0</u>	Moisture Resistance MIL-STD-202, Method 106, Except Vibration	COMPONENT		
RF Leakage (dB MIN) <u>-(60-f(GHz))</u>	Force to Engage and Disengage (In/Lbs MAX) <u>2.0</u>	Shall Be Omitted	UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES TOLERANCE ON	DRAWN BY <u>MC</u> DATE <u>5-17-88</u>	<b>AMP Incorporated</b> 140 Fourth Avenue Waltham, MA 02451-7599
Corona, 70,000 Ft (VRMS MIN) <u>250</u>	Center Contact Captivation	Corrosion - MIL-STD-202, Method 101, Condition B, 5% salt spray	FRAC. DEC. ANGLES	CHECKED BY <u>JM</u> DATE <u>6-30-88</u>	
Dielectric Withstanding Voltage (VRMS MIN) @ Sea Level <u>1000</u>	Axial (Lbs) <u>6.0 Lbs</u>		± 1/64 ±.005 ± °	APP'D BY <u>FZ</u> DATE <u>8-11-88</u>	
Contact Resistance (Milliohms MAX)	Radial (In/Oz) <u>4.0 Inch-Ounces</u>		These drawings and specifications are the property of AMP 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 item(s) without written permission.	USE ASS'Y PROCEDURE	TITLE <b>"SMA" FLANGE MOUNT JACK RECEPTACLE CAPTURED CENTER CONTACT TAB TERM (M83517/1-31004)</b>
Center Contact <u>3.0</u>	Cable Retention			NO. AP. <u>N/A</u>	SIZE <u>B</u>
Outer Contact <u>2.0</u>	Axial Force (Lbs) <u>N/A</u>			SCALE <u>5:1</u>	<u>2052-8006-92</u>
Cable to Housing <u>N/A</u>	Torque (In/Oz) <u>N/A</u>				REV <u>01<sub>1</sub></u>
RF High Potential @ Sea Level (VRMS MIN @ 5 MHz) <u>670</u>	Weight (Grams) <u>2.2</u>				SHEET 1 OF 1
LR.(Megohms MIN) <u>10,000</u>					

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