



REVISIONS			
REV	DESCRIPTION	DATE	APPROVED
01 ₁	REVISED	PATLAN 10-07-98	4/5/99

NOTES:
1. CAPTURED CENTER CONTACT

ELECTRICAL	MECHANICAL	ENVIRONMENTAL	HOUSING	DIELECTRIC	CENTER CONTACT	COMPONENT	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	PTFE FLUOROCARBON PER ASTM-D-1457	BERYLLIUM COPPER PER ASTM-B-196 OR ASTM-B-197, ALLOY C17300, CONDITION H	UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES TOLERANCE ON	FRAC. ± 1/64	DEC. ± .005	ANGLES ± °	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				SHALL BE OMITTED	DATE <u>5-17-88</u>		N/A	
Volt Rating (VRMS MAX) @ Sea Level <u>335</u>	Mating Characteristics: Insertion (MAX Lbs) <u>2.0</u>	Shock MIL-STD-202, Method 213, Condition I				Moisture Resistance MIL-STD-202, Method 106, Except Vibration	CHECKED BY <u>JM</u> <u>6-30-88</u>		GOLD PLATE PER MIL-G-45204	
VSWR <u>1.05 + .005 f(GHz)</u>	Withdrawal (MIN Oz) <u>1.0</u>	Thermal Shock MIL-STD-202, Method 107, Condition B					APPD BY <u>FZ</u> <u>8-11-88</u>			
Insertion Loss (dB MAX) <u>.03 √f(GHz)</u>	Force to Engage and Disengage (In/Lbs MAX) <u>2.0</u>	Corrosion - MIL-STD-202, Method 101, Condition B, 5% salt spray								
RF Leakage (dB MIN) <u>-(60-f(GHz))</u>	Center Contact Captivation: Axial (Lbs) <u>6.0 Lbs</u>									
Corona, 70,000 Ft (VRMS MIN) <u>250</u>	Radial (In/Oz) <u>4.0 Inch-Ounces</u>									
Dielectric Withstanding Voltage (VRMS MIN) @ Sea Level <u>1000</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>2.2</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>10,000</u>										

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

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AMP

TITLE "SMA" FLANGE MOUNT JACK RECEPTACLE CAPTURED CENTER CONTACT TAB TERM (M83517/1-31004)

SIZE B	CODE IDENT NO. 26805	2052-8006-92	REV 01 ₁
SCALE 5:1			SHEET 1 OF 1