



ELECTRICAL	MECHANICAL	ENVIRONMENTAL
Nominal Impedance (Ohms) <u>50</u>	Interface Dimensions MIL-STD-348A, Fig. 406.1	Temperature Rating <u>-65°C to +105°C</u>
Frequency Range (GHz) DC to <u>15</u>	Recommended Mating	Vibration MIL-STD-202, Method 204, Condition B.
Volt Rating (VRMS MAX) @ Sea Level <u>500</u>	Torque <u>12 - 15</u> in-lbs	Shock MIL-STD-202, Method 213, Condition I.
VSWR <u>1.35</u> MAX f(GHz)	Mating Characteristics:	Thermal Shock MIL-STD-202, Method 107, Condition B.
Insertion Loss (dB MAX) <u>.06</u> V(GHz)	Insertion (MAX Lbs) <u>2.0</u>	Except High Temp +115°C
RF Leakage (dB MIN) <u>-60</u> @ 2-3GHz	Withdrawal (MIN Oz) <u>2.0</u>	Moisture Resistance MIL-STD-202, Method 106
Corona, 70,000 Ft (VRMS MIN) <u>375</u>	Force to Engage and Disengage (In-Lbs MAX) <u>2.0</u>	Corrosion - MIL-STD-202, Method 101, Condition B, 5% salt spray
Dielectric Withstanding Voltage (VRMS MIN) @ Sea Level <u>1,500</u>	Center Contact Captivation	
Contact Resistance (Milliohms MAX)	Axial (Lbs) <u>6.0</u>	
Center Contact <u>1.5</u>	Radial (In-Oz) <u>N/A</u>	
Outer Contact <u>0.2</u>	Cable Retention	
Cable to Housing <u>0.5</u>	Axial Force (Lbs MIN) <u>60.0</u>	
RF High Potential @ Sea Level (VRMS MIN @ 5 MHz) <u>1,000</u>	Torque (In-Oz) <u>3.5</u>	
I.R.(Megohms MIN) <u>5,000</u>	Weight (Grams) <u>TBD</u>	

COMPONENT	MATERIAL	FINISH
HOUSING	STAINLESS STEEL PER ASTM-A484 AND ASTM- A582, TYPE 303	GOLD PLATE PER MIL-G-45204 OVER NICKEL PLATE PER QQ-N-290
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 NICKEL PLATE PER QQ-N-290

UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES	DRAWN BY RMK	DATE 5-12-69
TOLERANCE ON FRAC. DEC. ANGLES	CHECKED BY PRB	5/12/69
± 1/64 ±.005 ± 1°	APPD BY	5/12/69

AMP Incorporated		
140 Fourth Avenue Waltham, MA 02451-7599		

USE ASS'Y PROCEDURE	TITLE TNC 4 HOLE FLANGE MOUNT CABLE JACK DIRECT SOLDER		
408-08203 NO. AP. (31-003)	SIZE B	CODE IDENT NO. 26805	REV 01₂
	SCALE 4 : 1	SHEET 1 OF 1	

CUSTOMER DRAWING

AMP PART # 1057697-1
SHEET 1 OF 1 REV A

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