



ELECTRICAL
Nominal Impedance (Ohms) <u>50</u>
Frequency Range (GHz) DC to <u>15</u>
Volt Rating (VRMS MAX) @ Sea Level <u>500</u>
VSWR <u>1.35</u> MAX f(GHz)
Insertion Loss (dB MAX) <u>.06</u> V(GHz)
RF Leakage (dB MIN) <u>-60</u> @ 2-3GHz
Corona, 70,000 Ft (VRMS MIN) <u>375</u>
Dielectric Withstanding Voltage (VRMS MIN) @ Sea Level <u>1,500</u>
Contact Resistance (Milliohms MAX) Center Contact <u>15</u> Outer Contact <u>0.2</u> Cable to Housing <u>0.5</u>
RF High Potential @ Sea Level (VRMS MIN @ 5 MHz) <u>1,000</u>
I.R.(Megohms MIN) <u>5,000</u>

MECHANICAL
Interface Dimensions MIL-STD-348A, Fig. 406.1
Recommended Mating Torque <u>12 - 15</u> in-lbs
Mating Characteristics: Insertion (MAX Lbs) <u>2.0</u> Withdrawal (MIN Oz) <u>2.0</u>
Force to Engage and Disengage (In-Lbs MAX) <u>2.0</u>
Center Contact Captivation Axial (Lbs) <u>6.0</u> Radial (In-Oz) <u>N/A</u>
Cable Retention Axial Force (Lbs MIN) <u>60.0</u> Torque (In-Oz) <u>3.5</u>
Weight (Grams) <u>TBD</u>

ENVIRONMENTAL
Temperature Rating <u>-65°C to +105°C</u>
Vibration MIL-STD-202, Method 204, Condition B.
Shock MIL-STD-202, Method 213, Condition I.
Thermal Shock MIL-STD-202, Method 107, Condition B, Except High Temp +115°C
Moisture Resistance MIL-STD-202, Method 106
Corrosion - MIL-STD-202, Method 101, Condition B, 5% salt spray
 <u>.XXX = in</u> <u>XX.X = mm</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 TOLERANCE ON FRAC. DEC. ANGLES ± 1/64 ±.005 ± °		<p>DRAWN BY <u>RMK</u> DATE <u>5-12-69</u></p> <p>CHECKED BY <u>PRB</u> DATE <u>5/12/69</u></p> <p>APPD BY <u>5/12/69</u></p> <p>USE ASS'Y PROCEDURE</p> <p>408-08203 NO. AP. (31-003)</p>
<p>These drawings and specifications are the property of Omni Spectra Incorporated 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.</p>		<p>AMP Incorporated 140 Fourth Avenue Waltham, MA 02451-7599</p> <p>TITLE <u>TNC 4 HOLE FLANGE MOUNT CABLE JACK DIRECT SOLDER</u></p> <p>SIZE <u>B</u> CODE IDENT NO. <u>26805</u> 3106-7941-00 REV <u>01₂</u></p> <p>SCALE <u>4 : 1</u> SHEET 1 OF 1</p>

CUSTOMER DRAWING

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

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