



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. <u>406.1</u>
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 <u>204, Condition B.</u>
Shock MIL-STD-202, Method <u>213,</u> Condition I.
Thermal Shock MIL-STD-202, Method <u>107, Condition B.</u> Except High Temp <u>+115°C</u>
Moisture Resistance MIL-STD-202, Method <u>106</u>
Corrosion - MIL-STD-202, Method <u>101, Condition B, 5% salt spray</u>
 <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 ± °		<b>AMP</b> AMP Incorporated 140 Fourth Avenue Waltham, MA 02451-7599
DRAWN BY <u>RMK</u> DATE <u>5-12-69</u> CHECKED BY <u>PRB</u> 5/12/69 APPD BY <u>5/12/69</u>		
USE ASS'Y PROCEDURE  408-08203 NO. AP. (31-003)		TITLE <u>TNC 4 HOLE FLANGE MOUNT CABLE JACK DIRECT SOLDER</u> SIZE <u>B</u> CODE IDENT NO. <u>26805</u> 3106-7941-00 REV <u>012</u> SCALE <u>4 : 1</u> SHEET 1 OF 1

CUSTOMER DRAWING

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