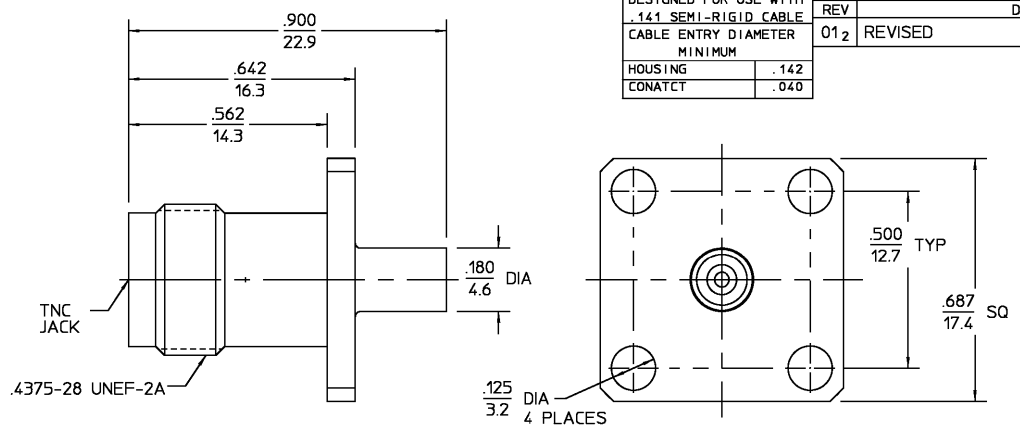
DESIGNED FOR USE WITH .141 SEMI-RIGID CABLE	
CABLE ENTRY DIAMETER MINIMUM	
HOUSING	.142
CONATCT	.040

REVISIONS

REV	DESCRIPTION	DATE	APPROVED
01_2	REVISED		



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

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. ± 1/64 DEC. ±.005 ANGLES ± 1°

DRAWN BY RMK DATE 5-12-69
CHECKED BY PRB 5/12/69
APP'D BY 5/12/69

AMP

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USE ASS'Y PROCEDURE

408-08203
NO. A.P. (31-003)

TITLE TNC 4 HOLE FLANGE MOUNT CABLE JACK DIRECT SOLDER

SIZE	CODE IDENT NO.		REV
B	26805	3106-7941-00	01_2

SCALE 4 : 1 SHEET 1 OF 1

CUSTOMER DRAWING

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

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