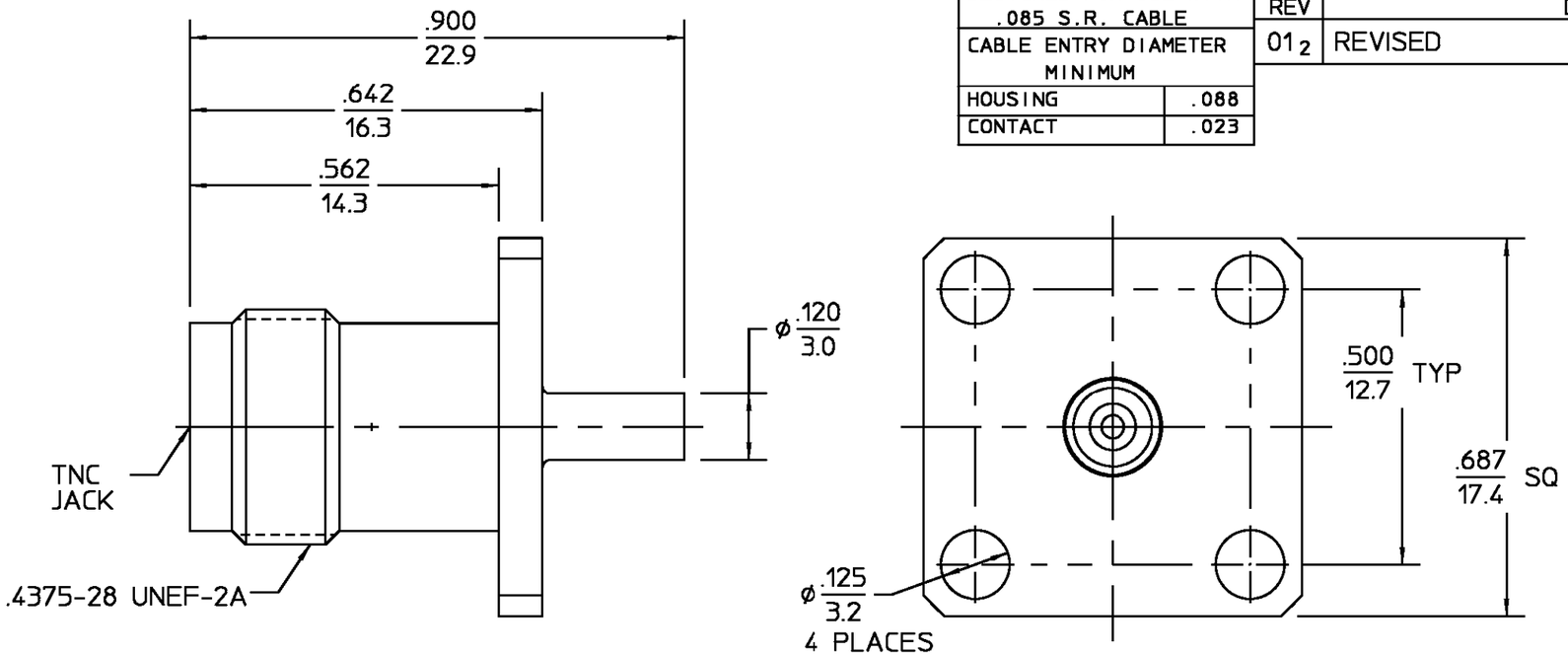
DESIGNED FOR USE WITH .085 S.R. CABLE	
CABLE ENTRY DIAMETER MINIMUM	
HOUSING	.088
CONTACT	.023

REVISIONS			
REV	DESCRIPTION	DATE	APPROVED
01_2	REVISED	07/24/96	



ELECTRICAL	
Nominal Impedance (Ohms)	50
Frequency Range (GHz) DC to	15
Volt Rating (VRMS MAX)	
@ Sea Level	335
VSWR 1.35 MAX f(GHz)	
Insertion Loss (dB MAX)	.06 $\sqrt{(GHz)}$
RF Leakage (dB MIN) -90 @ 2-3GHz	
Corona, 70,000 Ft (VRMS MIN)	250
Dielectric Withstanding Voltage	
(VRMS MIN) @ Sea Level	1,000
Contact Resistance (Milliohms MAX)	
Center Contact	1.5
Outer Contact	2.0
Cable to Housing	0.5
RF High Potential @ Sea Level	
(VRMS MIN @ 5 MHz)	670
I.R.(Megohms MIN)	5,000

MECHANICAL	
Interface Dimensions MIL-STD-348A,	
Fig.	406.1
Recommended Mating	
Torque	12 - 15 in-lbs
Mating Characteristics:	
Insertion (MAX Lbs)	2.0
Withdrawal (MIN Oz)	2.0
Force to Engage and	
Disengage (In-Lbs MAX)	2.0
Center Contact Captivation	
Axial (Lbs)	N/A
Radial (In-Oz)	N/A
Cable Retention	
Axial Force (Lbs MIN)	30.0
Torque (In-Oz)	N/A
Weight (Grams)	TBD

ENVIRONMENTAL
Temperature Rating -65°C to +105°C
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

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

COMPONENT	MATERIAL	FINISH
HOUSING	STAINLESS STEEL PER ASTM-A484 AND ASTM-A582, TYPE 303	GOLD PLATE PER MIL-G-45204
DIELECTRIC	TFE FLUOROCARBON PER ASTM-D-1457	N/A
CENTER CONTACT	BERYLLIUM COPPER PER ASTM-B-196 OR ASTM-B-197, ALLOY C17300, CONDITION H	GOLD PLATE PER MIL-G-45204

UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES
TOLERANCE ON
FRAC. ± 1/64 DEC. ±.005 ANGLES ± 1°

		DATE
DRAWN BY	RMK	4/30/70
CHECKED BY	PRB	4/30/70
APP'D BY	EJC	5/4/70

AMP

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Waltham, MA 02451-7599

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USE ASS'Y PROCEDURE

408-04722
NO. A.P. (31-004)

TITLE "TNC" 4 HOLE FLANGE MOUNT CABLE JACK DIRECT SOLDER

SIZE	CODE IDENT NO.		REV
B	26805	3106-7985-00	01_2

SCALE 4 : 1 SHEET 1 OF 1

CUSTOMER DRAWING

AMP PART # 1057699-1
SHEET 1 OF 1 REV A