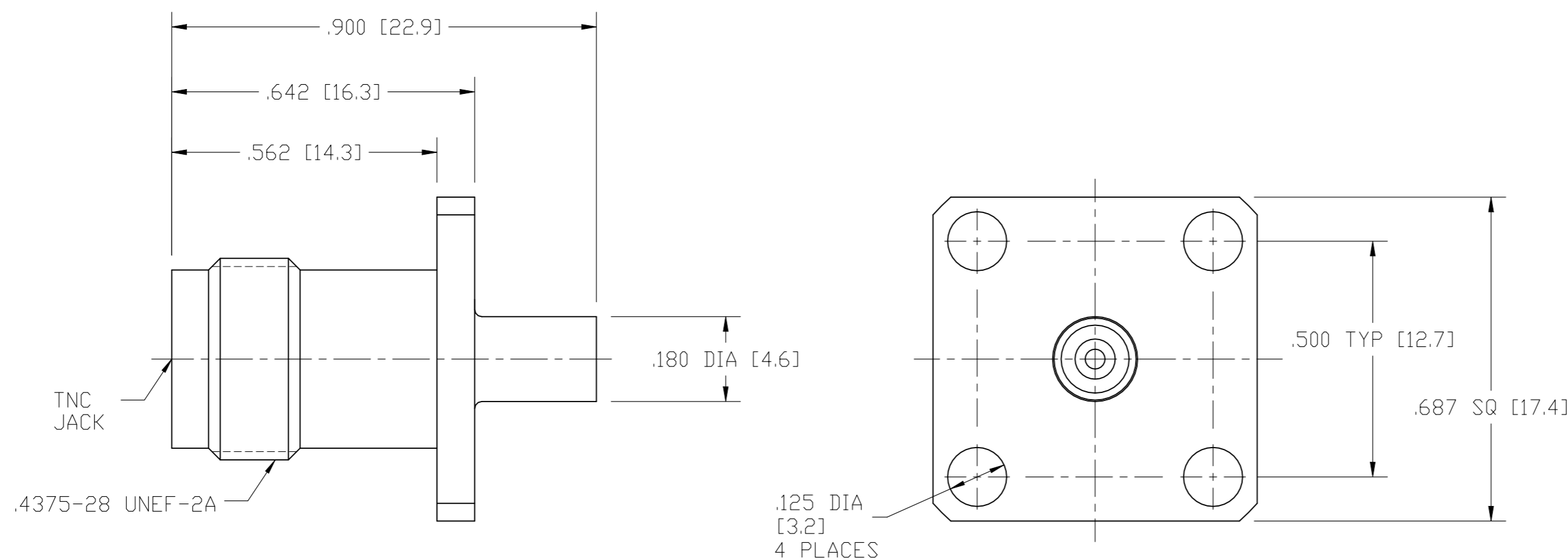


WARNING - THIS DOCUMENT CONTAINS TECHNOLOGY WHOSE EXPORT IS RESTRICTED BY THE EXPORT ADMINISTRATION REGULATIONS ("EAR") PURSUANT TO 15 C.F.R. PARTS 730-774. VIOLATIONS OF THE EAR ARE SUBJECT TO SEVERE CRIMINAL PENALTIES UNDER THE EXPORT CONTROL REFORM ACT, AS AMENDED (TITLE 50, U.S.C., SEC. 4801, ET SEQ.).

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

REVISIONS				
P	LTR	DESCRIPTION	DATE	APVD
B	REV	REVISE PER ECN-23-210980	03MAY2023	LP JW

NOTES:
1. USE ASSY PROCEDURE:
408-08203
(31-003)



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

THIS DRAWING IS A CONTROLLED DOCUMENT.		DWN RMK 12MAY1969		
		CHK PRB 12MAY1969		
DIMENSIONS: INCHES		TOLERANCES UNLESS OTHERWISE SPECIFIED:	NAME	
0 PLC ± -		1 PLC ± -	TNC 4 HOLE FLANGE MOUNT	
2 PLC ± -		3 PLC ± .005	CABLE JACK DIRECT SOLDER	
4 PLC ± -		ANGLES ± 1°	MACOM PN: 3106-7941-00	
MATERIAL SEE TABLE		FINISH SEE TABLE	SIZE A2	CAGE CODE 00779
			DRAWING NO C=1057697	RESTRICTED TO -
			WEIGHT -	SCALE 4
			CUSTOMER DRAWING	SHEET 1 of 1
				REV B