

REVISIONS					
P	LTR	DESCRIPTION	DATE	DWN	APVD
	A	ECN-25-315538,GTP	09APR2025	TP	WK

NOTES:

PACK ACCORDANCE WITH TE SPEC 107-3275;

ALL DIMENSIONS ARE NOMINAL FOR REFERENCE ONLY UNLESS OTHERWISE STATED;

RoHS: COMPLIANT.

SPECIFICATIONS:

IMPEDANCE: 50Ω

FREQUENCY: DC to 11GHz

VSWR/RL: 1.25 max. / 19.1 dB min.

INSERTION LOSS: 0.3 dB max

CONTACT RESISTANCE:
CENTER: 3 milliohms.
OUTER: 2 milliohms.

DIELECTRIC WITHSTANDING VOLTAGE: >1000 V

INSULATION RESISTANCE: >5000 mΩ

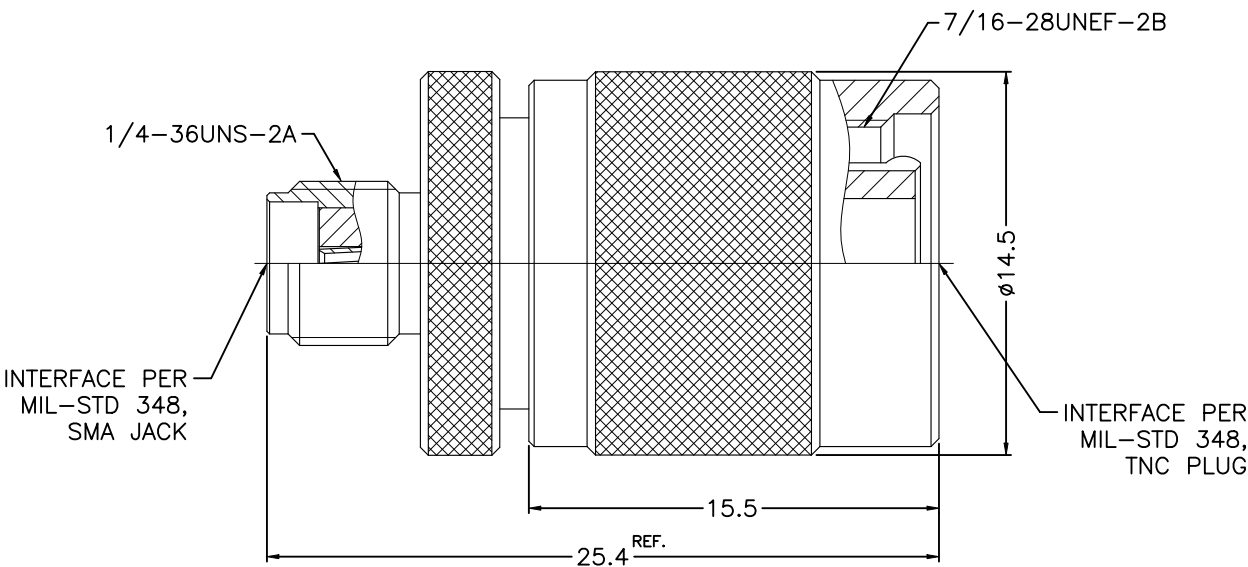
MECHANICAL CHARACTERISTICS

ENGAGEMENT AND DISENGAGEMENT FORCE
ENGAGEMENT SMA: 2 in-lbs. max.; TNC: 0.23 N.m max.
DISENGAGEMENT SMA: 2 in-lbs. max.; TNC: 0.23 N.m max

DURABILITY: 500 cycles min.

ENVIRONMENTAL PARAMETER

TEMPERATURE RANGE: -65°C TO +165°C

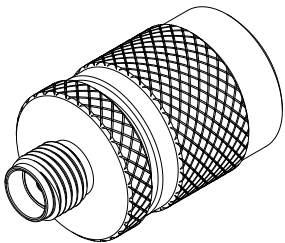


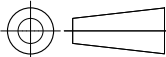
NOTES:

FINISH (PLATING THICKNESS IN MICRO-INCHES)

- 1 100 MICROINCHES MIN NICKEL PLATED, 50 MICROINCHES MIN OVER COPPER UNDERPLATED.
- 2 3 MICROINCHES MIN GOLD PLATED, 50 MICROINCHES MIN OVER NICKEL UNDERPLATED, 50 MICROINCHES MIN OVER COPPER UNDERPLATED.

	1	RED	SILICONE RUBBER	GASKET	6
	1	NOTE 1	BRASS	SHELL	5
	1	RED	PHOSPHOR BRONZE	RETAINER RING	4
	1	NOTE 2	PHOSPHOR BRONZE	CONTACT PIN	3
	1	NATURAL	PTFE	INSULATOR	2
	1	NOTE 1	BRASS	BODY	1
	2501433-1	FINISH/PLATING	MATERIAL	DESCRIPTION	ITEM
QUANTITY PER ASSY			PARTS LIST		



THIS DRAWING IS A CONTROLLED DOCUMENT.		DWN TP	27JAN2025	 TE Connectivity	
		CHK TP	27JAN2025		
		APVD WK	27JAN2025		
		PRODUCT SPEC			
DIMENSIONS: mm		TOLERANCES UNLESS OTHERWISE SPECIFIED:		NAME TNC PLUG TO SMA JACK STR 50 Ohm	
		0 PLC	± 0.3	SIZE A3	
		1 PLC	± 0.2		
		2 PLC	± 0.1		
		3 PLC	± 0.05		
		4 PLC	± -	CAGE CODE 00779	
		ANGLES	± 5		
MATERIAL SEE TABLE		FINISH	-	DRAWING NO C-2501433	
				RESTRICTED TO -	
CUSTOMER DRAWING			WEIGHT 16.9 G	SCALE 1:1	
				SHEET 1 OF 1	REV A