

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 6GHz

VSWR/RL: 1.3 max. / 17.69 dB min.

INSERTION LOSS: 0.25 dB max

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

DIELECTRIC WITHSTANDING VOLTAGE: >1500 V

INSULATION RESISTANCE: >5000 mΩ

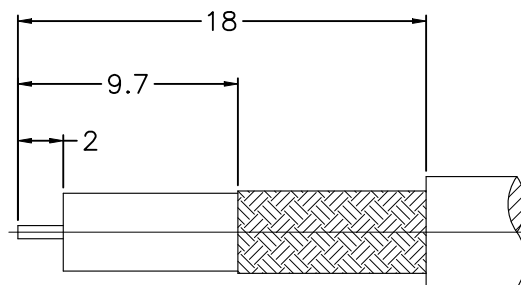
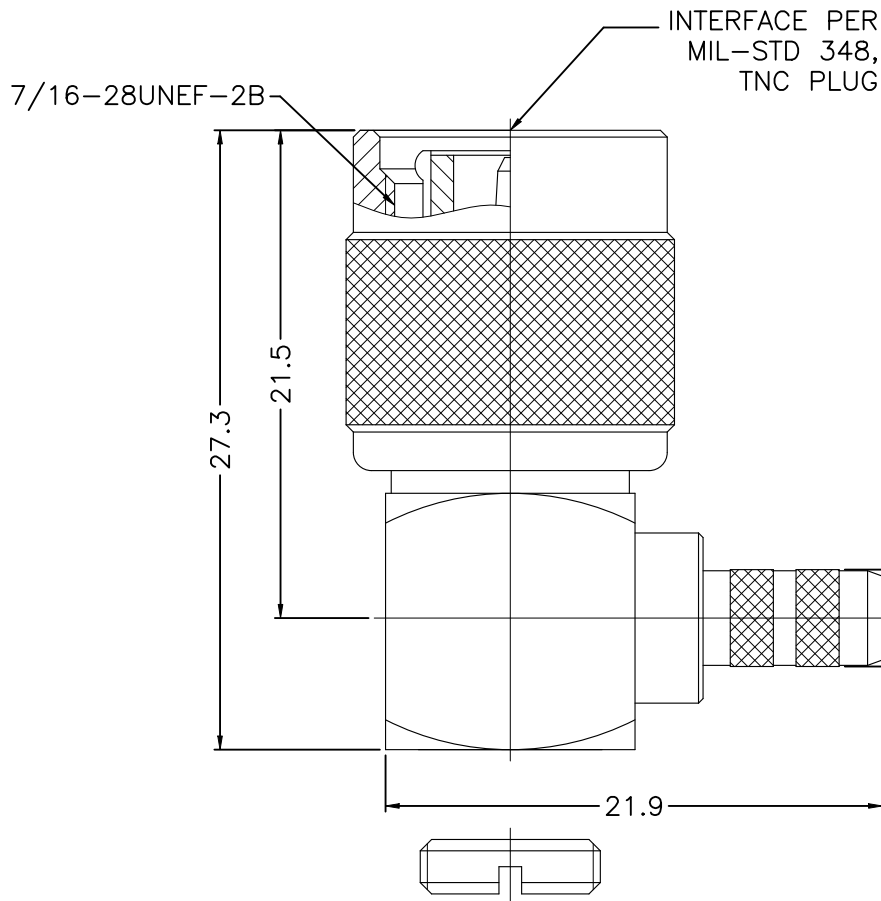
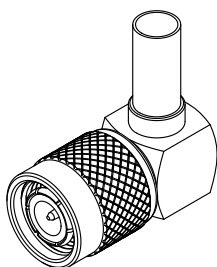
MECHANICAL CHARACTERISTICS

ENGAGEMENT AND DISENGAGEMENT FORCE
ENGAGEMENT: 0.23 N.m max.
DISENGAGEMENT: 0.23 N.m max.

DURABILITY: 500 cycles min.

ENVIRONMENTAL PARAMETER

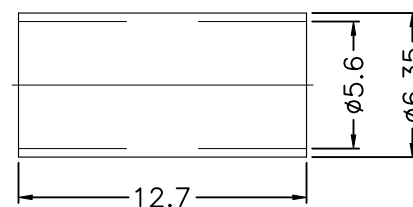
TEMPERATURE RANGE: -40°C TO +85°C



RECOMMENDED
CABLE STRIPPING DIM'S

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

1. CRIMPED FERRULE
HEX CRIMP SIZE .213"
2. CONTACT PIN TO SOLDER



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	NOTE 1	BRASS	NUT	11
	1	NOTE 1	BRASS	FERRULE	10
	1	NOTE 1	BRASS	WASHER	9
	1	NATURAL	POM	RING	8
	1	NOTE 1	BRASS	RETAINER RING	7
	1	RED	SILICONE RUBBER	GASKET	6
	1	NOTE 2	BRASS	CONTACT PIN	5
	1	NATURAL	PTFE	INSULATOR	4
	1	NOTE 1	BRASS	BARREL	3
	1	NOTE 1	BRASS	HOUSING	2
	1	NOTE 1	BRASS	SHELL	1
	2501424-1	FINISH/PLATING	MATERIAL	DESCRIPTION	ITEM
QUANTITY PER ASSY			PARTS LIST		

THIS DRAWING IS A CONTROLLED DOCUMENT.		DWN TP 22JAN2025	TE Connectivity		
		CHK TP 22JAN2025			
		APVD WK 22JAN2025			
		PRODUCT SPEC			
DIMENSIONS: mm		TOLERANCES UNLESS OTHERWISE SPECIFIED:		NAME TNC PLUG RA CRIMP RG-55, 142, 223, 400	
		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	DRAWING NO C-2501424	
MATERIAL SEE TABLE		FINISH -	WEIGHT 21.8 G		RESTRICTED TO -
CUSTOMER DRAWING			SCALE 1:1	SHEET 1 OF 1	REV A