

REVISIONS

P	LTR	DESCRIPTION	DATE	DWN	APVD
	A	ECN-25-358921;GTP	12DEC2025	TP	WILL

NOTES:

ALL DIMENSIONS ARE NOMINAL FOR REFERENCE ONLY UNLESS OTHERWISE STATED.

RoHS: COMPLIANT.

SPECIFICATIONS:
IMPEDANCE: 50Ω

FREQUENCY: DC to 6GHz

VSWR/RL: 1.065 MAX. / 30 dB MIN.@DC~3GHz
1.2 MAX. / 20.83 dB MIN.@3~6GHz

INSERTION LOSS: 0.25 dB MAX.

CONTACT RESISTANCE:
CENTER: 6.0 MΩ MAX.
OUTER: 3.0 MΩ MAX.

VOLTAGE RATING: 170 VRMS MAX

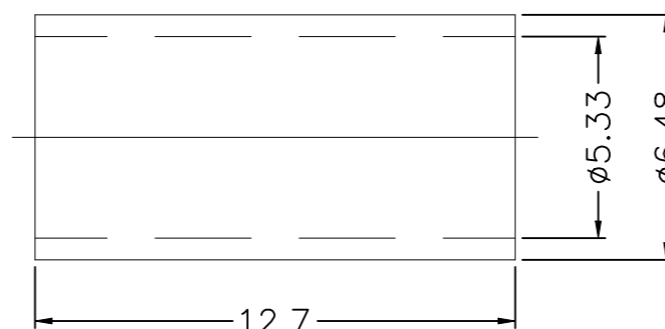
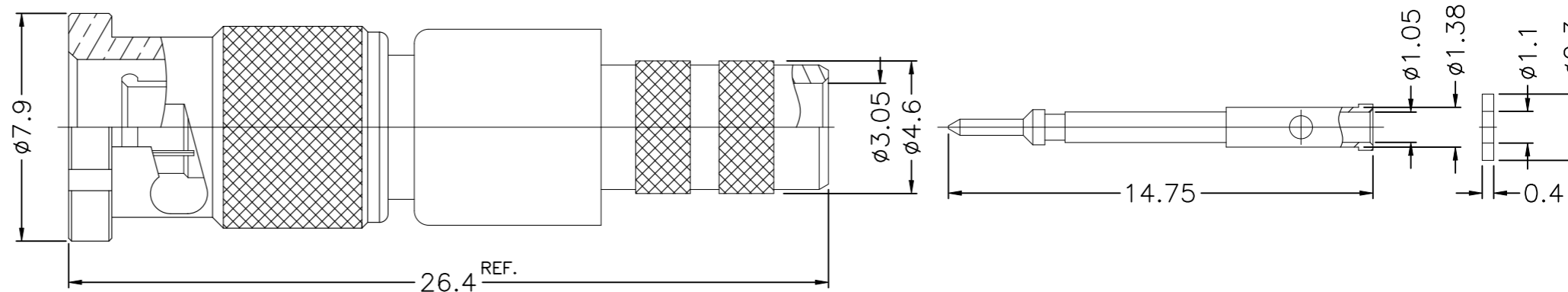
DIELECTRIC WITHSTANDING VOLTAGE: 500V MAX

INSULATION RESISTANCE: 5000MΩ

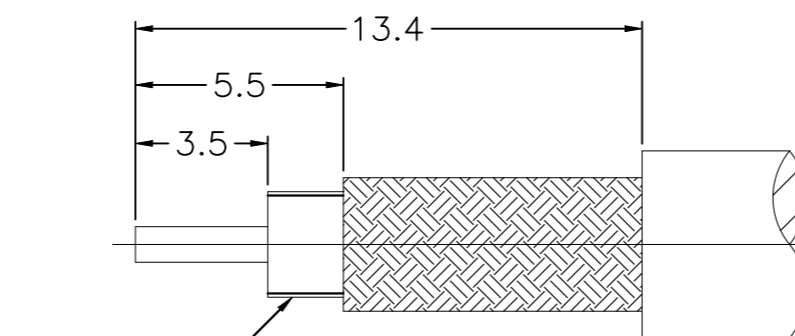
MECHANICAL CHARACTERISTICS
DURABILITY: 500 CYCLES.

ENGAGEMENT AND DISENGAGEMENT FORCE:
ENGAGEMENT: 20 N MAX.
DISENGAGEMENT: 5 N MIN.

ENVIRONMENTAL PARAMETER
TEMPERATURE RANGE: -65°C TO +165°C



- 1. CRIMPED FERRULE
HEX CRIMP SIZE .213"
- 2. CRIMPED CONTACT PIN
HEX CRIMP SIZE .047"
OR SOLDER



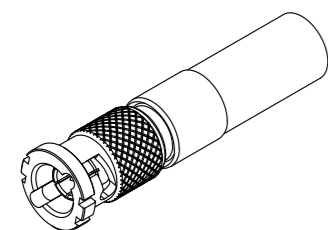
RECOMMENDED
CABLE STRIPPING DIM'S
(FOR RG-58, 58A, 58C, 141, LMR195)

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,
100 MICROINCHES MIN OVER NI-P (WT%10) NICKEL
UNDERPLATED.

QTY	DESCRIPTION	MATERIAL	ITEM	
1	NOTE 1	COPPER	FERRULE	12
1	NATURAL	PTFE	INSULATOR	11
1	NOTE 2	PHOSPHOR BRONZE	CONTACT PIN	10
1	NOTE 1	BRASS	SHELL	9
1	BLACK	SILICONE RUBBER	GASKET	8
1	NOTE 1	BRASS	RETAINER RING	7
1	NATURAL	SWP 80	SPRING	6
1	NOTE 1	BRASS	WASHER	5
1	NOTE 1	BRASS	BARREL	4
1	NATURAL	PTFE	INSULATOR	3
1	NATURAL	PTFE	INSULATOR	2
1	NOTE 1	BERYLLIUM COPPER	BODY	1
2510976-1	FINISH/PLATING	MATERIAL	DESCRIPTION	ITEM



THIS DRAWING IS A CONTROLLED DOCUMENT.		DWN	07AUG2025	STE TE Connectivity			
		TP					
		CHK	07AUG2025				
		TP		High Density BNC Plug St Crimp RG-58, 141 50 ohm			
		APVD	07AUG2025				
		WILL					
		PRODUCT SPEC					
		APPLICATION SPEC					
		WEIGHT	5.05 G	SIZE	CAGE CODE	DRAWING NO	RESTRICTED TO
				A3	00779	C-2510976	
		CUSTOMER DRAWING	SCALE	1:1	SHEET	1 OF 1	REV
							A