

NOTES:

ALL DIMENSIONS ARE NOMINAL FOR REFERENCE ONLY UNLESS OTHERWISE STATED.

RoHS: COMPLIANT.

SPECIFICATIONS:
IMPEDANCE: 75Ω

FREQUENCY: DC TO 12GHz

VSWR/RL: 1.222 MAX. / 20 dB MIN.@DC~6GHz
1.433 MAX. / 15 dB MIN.@6~12GHz

INSERTION LOSS: 0.3 dB MAX.

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

VOLTAGE RATING: 170 VRMS MAX

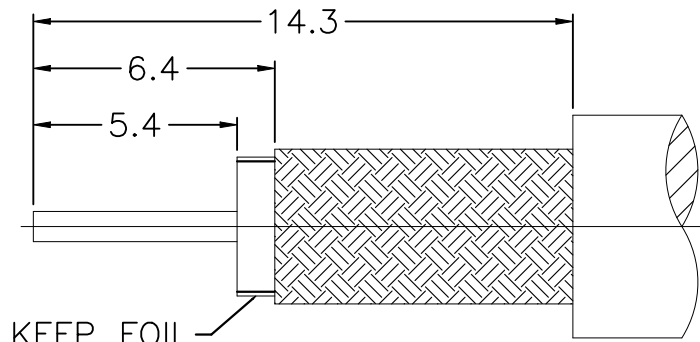
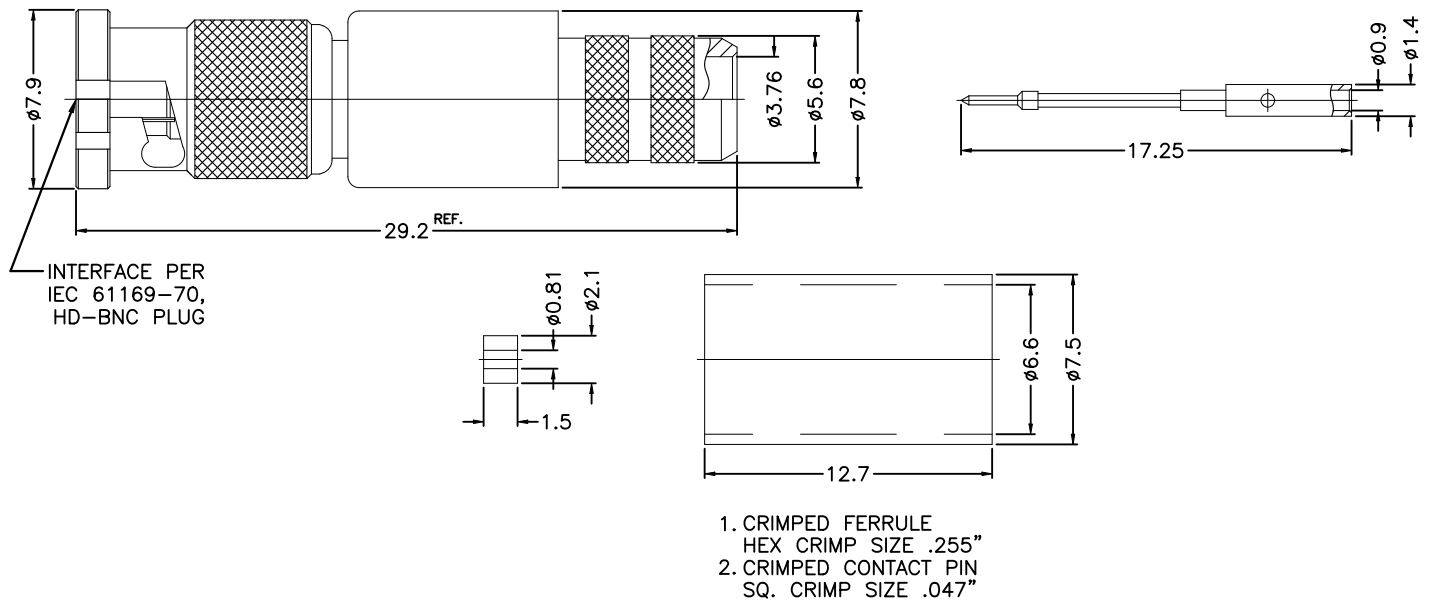
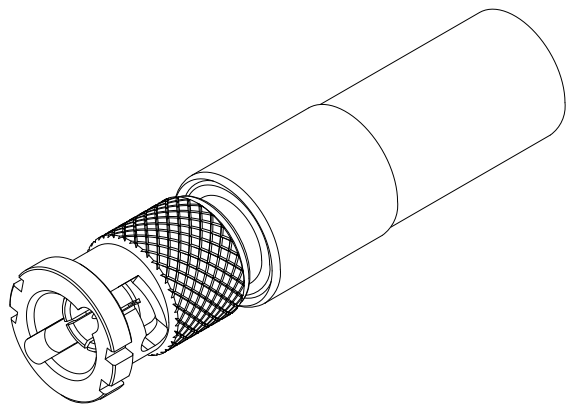
DIELECTRIC WITHSTANDING VOLTAGE: 500V MAX

INSULATION RESISTANCE: 5000MΩ

MECHANICAL CHARACTERISTICS
DURABILITY: 500 CYCLES MIN.

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

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



RECOMMENDED
CABLE STRIPPING DIM'S

NOTES:

FINISH (PLATING THICKNESS IN MICRO-INCHES)

- 100 MICROINCHES MIN NICKEL PLATED.
50 MICROINCHES MIN OVER COPPER UNDERPLATED
- 3 MICROINCHES MIN GOLD PLATED,
100 MICROINCHES MIN OVER NI-P (WT%10) NICKEL UNDERPLATED.

	1	NOTE 1	BRASS	FERRULE	11
	1	NATURAL	PTFE	SLEEVE	10
	1	NOTE 2	PHOSPHOR BRONZE	CONTACT PIN	9
	1	NOTE 1	BRASS	SHELL	8
	1	NOTE 1	BRASS	WASHER	7
	1	NATURAL	SWC 80	SPRING	6
	1	NOTE 1	BRASS	RETAINER RING	5
	1	BLACK	SILICONE RUBBER	GASKET	4
	1	NOTE 1	BRASS	BARREL	3
	1	NATURAL	PTFE	INSULATOR	2
	1	NOTE 1	BERYLLIUM COPPER	BODY	1
	2510963-1	FINISH/PLATING	MATERIAL	DESCRIPTION	ITEM
QUANTITY PER ASSY			PARTS LIST		

THIS DRAWING IS A CONTROLLED DOCUMENT.		DWN TP 06AUG2025	TE Connectivity		
		CHK TP 06AUG2025			
		APVD WILL 06AUG2025	NAME High Density BNC Plug St 1505A/4505R Type 75 ohm		
DIMENSIONS: mm		PRODUCT SPEC			
		APPLICATION SPEC			
MATERIAL SEE TABLE		WEIGHT 5.6 G	SIZE A3	CAGE CODE 00779	DRAWING NO C-2510963
		FINISH -	RESTRICTED TO -		
		CUSTOMER DRAWING	SCALE 1:1	SHEET 1 OF 1	REV A1