

REVISIONS					
P	LTR	DESCRIPTION	DATE	DWN	APVD
	A1	ECN-26-362286,UPDATE SWC WAS SWP	07JAN2026	TP	WILL

NOTES:

ALL DIMENSIONS ARE NOMINAL FOR REFERENCE ONLY UNLESS OTHERWISE STATED.

RoHS: COMPLIANT.

SPECIFICATIONS:

IMPEDANCE: 75Ω

FREQUENCY: DC TO 12GHz

VSWR/RL: 1.065 MAX. / 30 dB MIN.@DC~6GHz
1.433 MAX. / 15 dB MIN.@6~12GHz

INSERTION LOSS: 0.35 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.

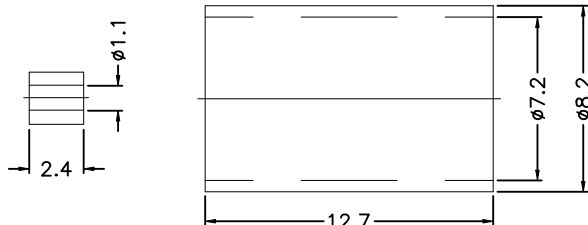
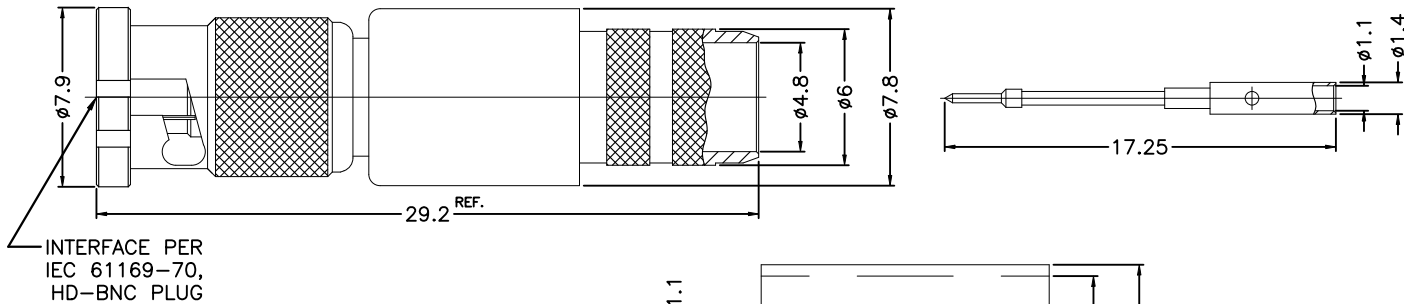
ENGAGEMENT AND DISENGAGEMENT FORCE:

ENGAGEMENT: 20 N MAX.

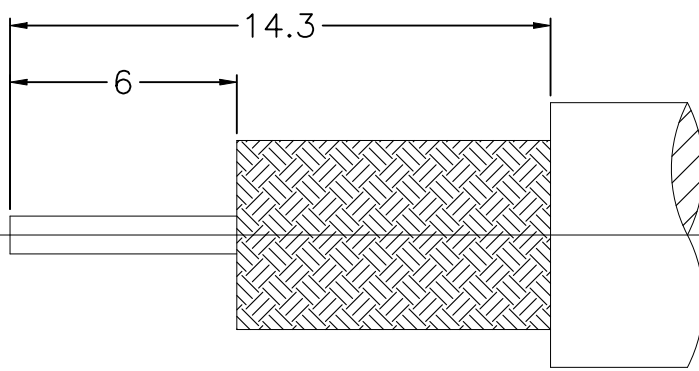
DISENGAGEMENT: 5 N MIN.

ENVIRONMENTAL PARAMETER

TEMPERATURE RANGE: -65°C TO +165°C



1. CRIMPED FERRULE
HEX CRIMP SIZE .278"
2. CRIMPED CONTACT PIN
SQ. CRIMP SIZE .047"



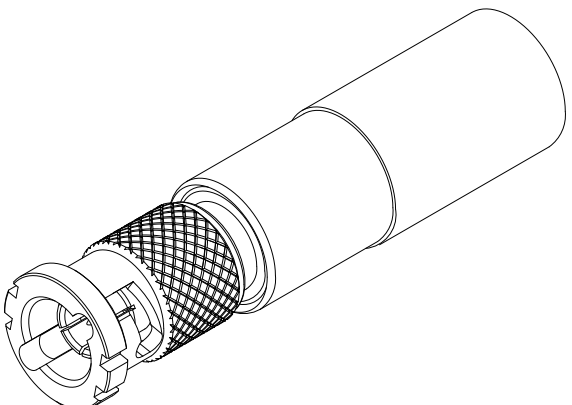
RECOMMENDED
CABLE STRIPPING DIM'S
(FOR BELDEN 1694A, 4694R)

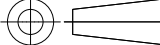
NOTES:

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	INSULATOR	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
	2510966-1	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		
		PRODUCT SPEC				
DIMENSIONS: mm		TOLERANCES UNLESS OTHERWISE SPECIFIED:			NAME High Density BNC Plug St 1694A/4694R Type 75 ohm	
		0 PLC	± 0.3			
		1 PLC	± 0.2			
		2 PLC	± 0.1			
		3 PLC	± 0.05			
		4 PLC	± -			
		ANGLES	± 1			
MATERIAL		FINISH			SIZE	
SEE TABLE		-			CAGE CODE	
					DRAWING NO	
					RESTRICTED TO	
					WEIGHT	
					A3 00779	
					C-2510966	
					SCALE	
					1:1	
					SHEET	
					1 OF 1	
					REV	
					A1	