

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: 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: 0.30 dB MAX.

CONTACT RESISTANCE:
CENTER: 3.0 MΩ MAX..
OUTER: 2.0 MΩ MAX.

VOLTAGE RATING: 500 VRMS MAX

DIELECTRIC WITHSTANDING VOLTAGE: 1500V MAX

INSULATION RESISTANCE: 5000MΩ

MECHANICAL CHARACTERISTICS

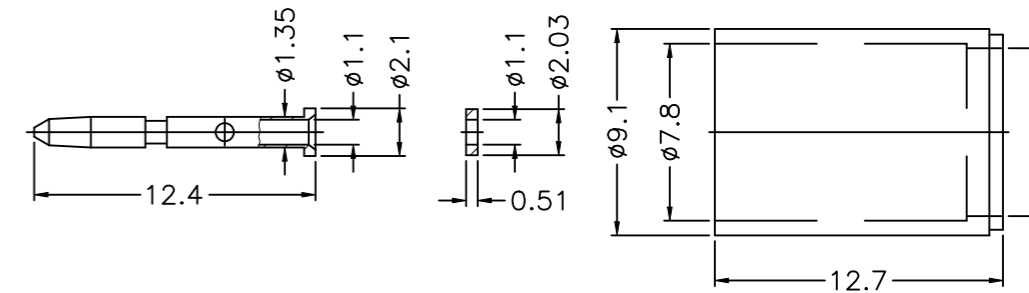
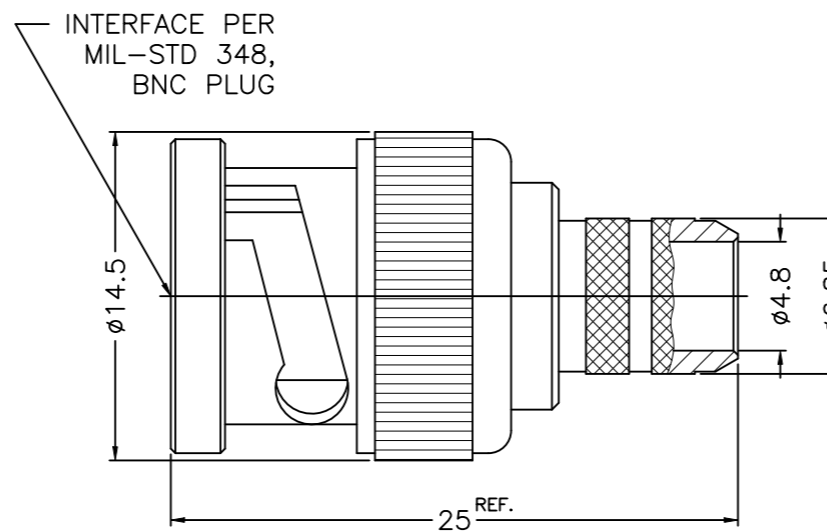
DURABILITY: 500 CYCLES.

ENGAGEMENT AND DISENGAGEMENT FORCE:

ENGAGEMENT: 2.5 in-lbs MAX.
DISENGAGEMENT: 3 lbs MAX.

ENVIRONMENTAL PARAMETER

TEMPERATURE RANGE: -65°C TO +165°C

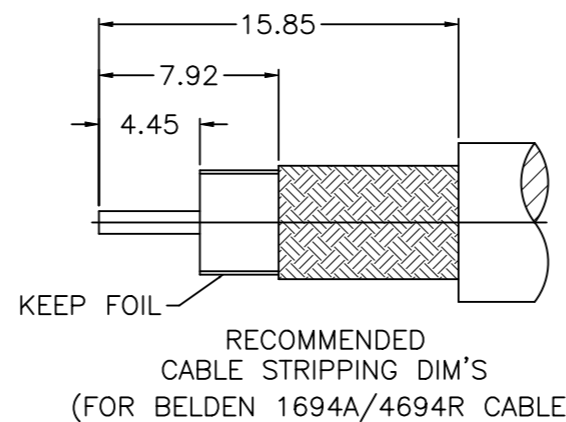


1. CRIMPED FERRULE
HEX CRIMP SIZE .319"
2. CONTACT PIN TO SOLDER OR
HEX CRIMP SIZE .041" OR .042"

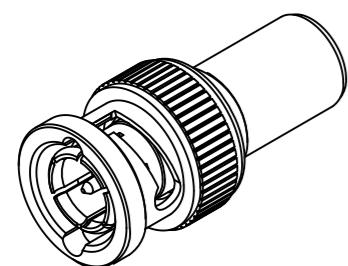
NOTES:

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	BERYLLIUM COPPER	OUTER CONTACT
1	NOTE 1	BRASS	FERRULE
1	NATURAL	PTFE	INSULATOR
1	NOTE 2	BRASS	CONTACT PIN
1	NOTE 1	BRASS	WASHER
1	NOTE 1	SK5	SPRING
1	NOTE 1	BRASS	RETAINER RING
1	RED	SILICONE RUBBER	GASKET
1	NATURAL	PTFE	INSULATOR
1	NOTE 1	BRASS	BODY
1	NOTE 1	BRASS	SHELL
2510949-1	FINISH/PLATING	MATERIAL	DESCRIPTION



THIS DRAWING IS A CONTROLLED DOCUMENT.		DWN TP 31JUL2025	TE Connectivity		
DIMENSIONS: mm		CHK TP 31JUL2025			
TOLERANCES UNLESS OTHERWISE SPECIFIED:		APVD WILL 31JUL2025	NAME 12G SDI 75 ohm BNC Plug 1694A/4694R Type		
0 PLC ± 0.3		PRODUCT SPEC	-		
1 PLC ± 0.2		APPLICATION SPEC	-		
2 PLC ± 0.1		SIZE	CAGE CODE	DRAWING NO	RESTRICTED TO
3 PLC ± 0.05		11.55 G	A300779	C=2510949	-
4 PLC ± -		CUSTOMER DRAWING			
ANGLES ± 1		SCALE	SHEET	REV	
FINISH -		1:1	1 OF 1	A	