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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: 1.222 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

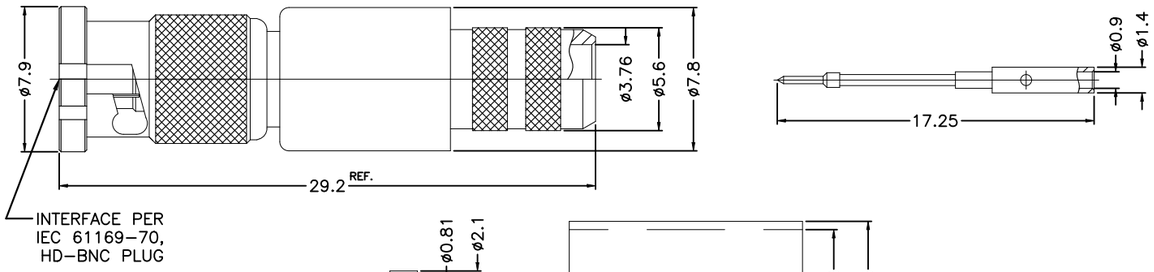
DIELECTRIC WITHSTANDING VOLTAGE: 500V MAX

INSULATION RESISTANCE: 5000MΩ

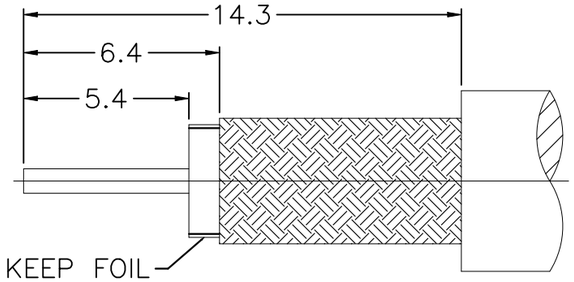
MECHANICAL CHARACTERISTICS
DURABILITY: 500 CYCLES MIN.

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

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



1. CRIMPED FERRULE HEX CRIMP SIZE .255"
2. CRIMPED CONTACT PIN SQ. CRIMP SIZE .047"



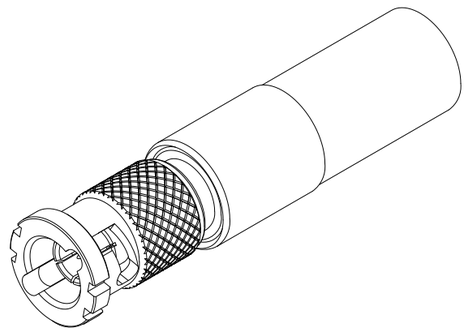
RECOMMENDED
CABLE STRIPPING DIM'S

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.

QUANTITY PER ASSY	2510963-1	FINISH/PLATING	MATERIAL	DESCRIPTION	ITEM
	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

PARTS LIST



THIS DRAWING IS A CONTROLLED DOCUMENT.

DIMENSIONS: mm

TOLERANCES UNLESS OTHERWISE SPECIFIED:
0 PLC ± 0.3
1 PLC ± 0.2
2 PLC ± 0.1
3 PLC ± 0.05
4 PLC ± –
ANGLES ± 1

MATERIAL: SEE TABLE

FINISH: –

DWN	TP 06AUG2025
CHK	TP 06AUG2025
APVD	WILL 06AUG2025
PRODUCT SPEC	–
APPLICATION SPEC	–
WEIGHT	5.6 G

TE Connectivity

NAME: High Density BNC Plug St 1505A/4505R Type 75 ohm –

SIZE	CAGE CODE	DRAWING NO	RESTRICTED TO
A3	00779	C-2510963	–

CUSTOMER DRAWING | SCALE 1:1 | SHEET 1 OF 1 | REV A1

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