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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 4GHz

VSWR/RL: 1.3 MAX. / 17.69 dB MIN.

INSERTION LOSS: 0.25 dB MAX.

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

VOLTAGE RATING: 170 VRMS MAX

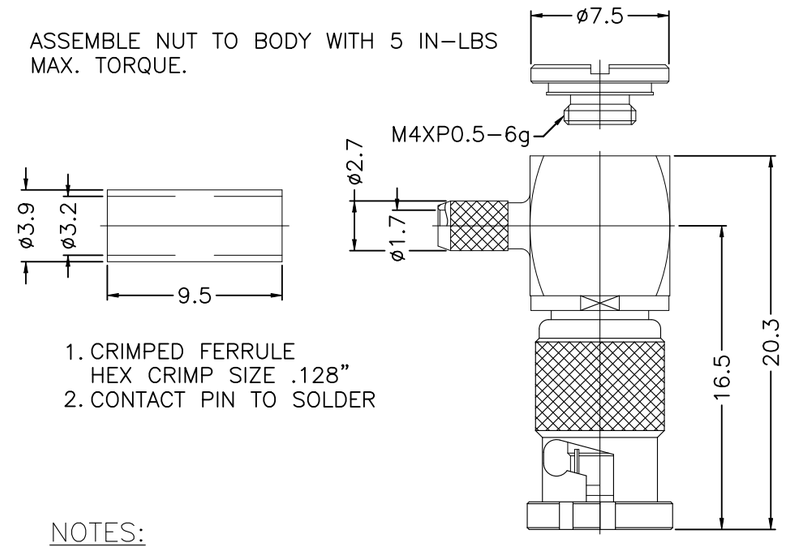
DIELECTRIC WITHSTANDING VOLTAGE: 500V MAX

INSULATION RESISTANCE: 5000MΩ

MECHANICAL CHARACTERISTICS
DURABILITY: 500 CYCLES MIN.

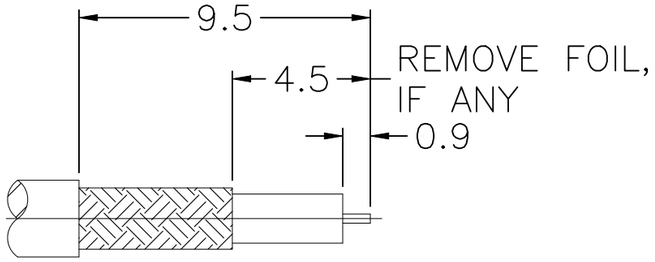
ENGAGEMENT AND DISENGAGEMENT FORCE:
ENGAGEMENT: 20 N MAX.
DISENGAGEMENT: 5 N MIN.

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



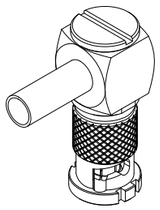
NOTES:
FINISH (PLATING THICKNESS IN MICRO–INCHES)

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.
3 PASSIVATED



RECOMMENDED
CABLE STRIPPING DIM'S
(FOR RG–179/U, BELDEN 179DT)

	1	NOTE 3	STAINLESS STEEL	NUT	11
	1	NOTE 1	BRASS	FERRULE	10
	1	NOTE 1	BRASS	SHELL	9
	1	BLACK	SILICONE RUBBER	GASKET	8
	1	NOTE 1	BRASS	RETAINER RING	7
	1	NATURAL	SWC 80	SPRING	6
	1	NOTE 1	BRASS	WASHER	5
	1	NOTE 1	BRASS	HOUSING	4
	1	NOTE 2	PHOSPHOR BRONZE	CONTACT PIN	3
	1	NATURAL	PTFE	INSULATOR	2
	1	NOTE 1	BERYLLIUM COPPER	BODY	1
	2510969–1	FINISH/PLATING	MATERIAL	DESCRIPTION	ITEM
QUANTITY PER ASSY		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	5.65 G

TE Connectivity

NAME: High Density BNC Plug RA RG179/179DT Type 75 ohm
–

SIZE	CAGE CODE	DRAWING NO	RESTRICTED TO
A3	00779	C–2510969	–

CUSTOMER DRAWING

SCALE	SHEET	REV
1:1	1 OF 1	A1

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