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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: 0.45 dB MAX.

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

VOLTAGE RATING: 170 VRMS MAX

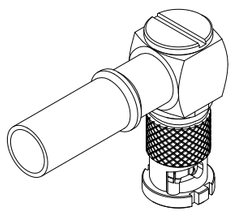
DIELECTRIC WITHSTANDING VOLTAGE: 500V MAX

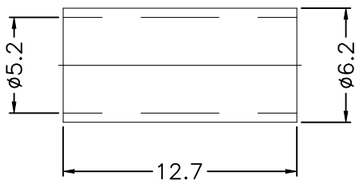
INSULATION RESISTANCE: 5000MΩ

MECHANICAL CHARACTERISTICS
DURABILITY: 500 CYCLES.

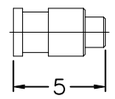
ENGAGEMENT AND DISENGAGEMENT FORCE:
ENGAGEMENT: 20 N MAX.
DISENGAGEMENT: 5 N MIN.

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

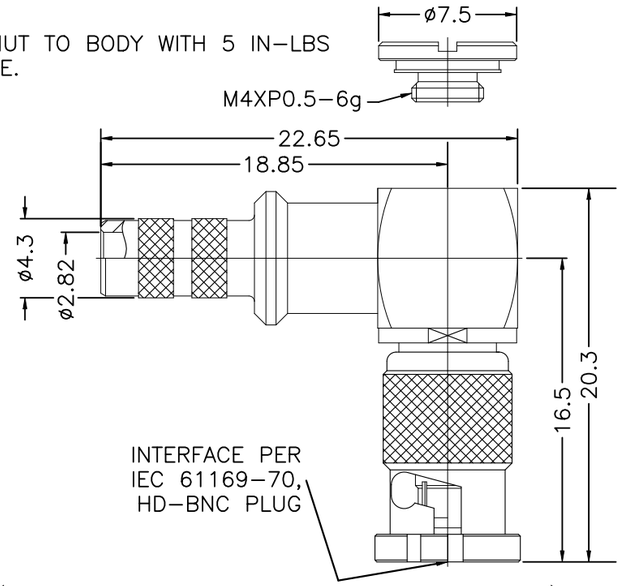




1. CRIMPED FERRULE
HEX CRIMP SIZE .213"
2. CONTACT PIN TO SOLDER

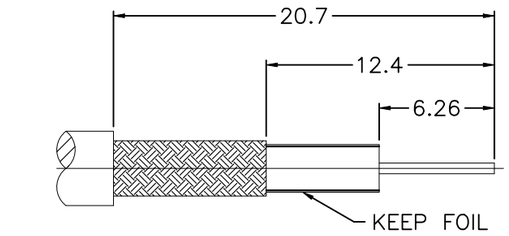


ASSEMBLE NUT TO BODY WITH 5 IN–LBS MAX. TORQUE.



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 BELDEN 1855A,4855R CABLE)

	1	NOTE 3	STAINLESS STEEL	NUT	12
	1	NOTE 1	BRASS	FERRULE	11
	1	NATURAL	PTFE	INSULATOR	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
	2510968–1	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	8.1 G

TE Connectivity

NAME: High Density BNC Plug St 1855A/4855R Type 75 ohm
–

SIZE	CAGE CODE	DRAWING NO	RESTRICTED TO
A3	00779	C–2510968	–

CUSTOMER DRAWING

SCALE	SHEET	REV
1:1	1 OF 1	A1

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