

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

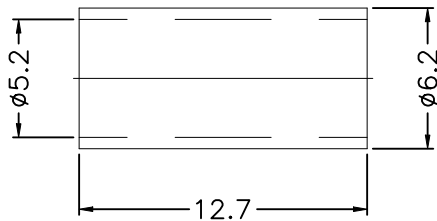
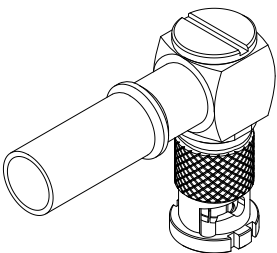
DIELECTRIC WITHSTANDING VOLTAGE: 500V MAX

INSULATION RESISTANCE: 5000MΩ

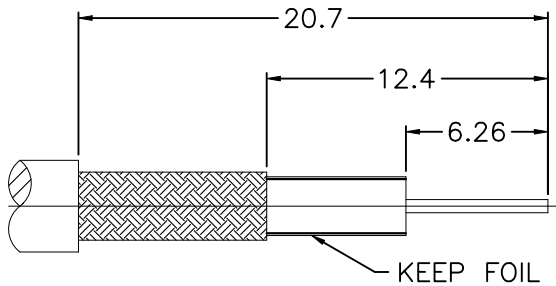
MECHANICAL CHARACTERISTICS
DURABILITY: 500 CYCLES.

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

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



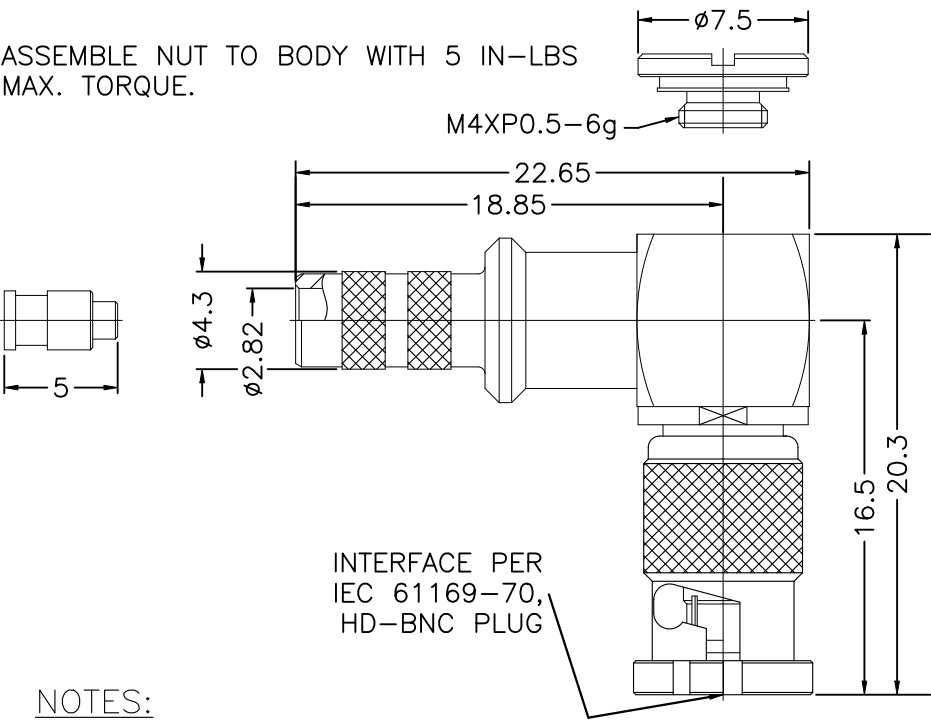
1. CRIMPED FERRULE
HEX CRIMP SIZE .213"
2. CONTACT PIN TO SOLDER



RECOMMENDED
CABLE STRIPPING DIM'S
(FOR BELDEN 1855A,4855R CABLE)

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

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

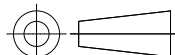


NOTES:

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

	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.		DWN TP	06AUG2025	 TE Connectivity				
		CHK TP	06AUG2025					
DIMENSIONS: mm	TOLERANCES UNLESS OTHERWISE SPECIFIED:	APVD WILL	06AUG2025	NAME High Density BNC Plug St 1855A/4855R Type 75 ohm —				
	0 PLC ± 0.3 1 PLC ± 0.2 2 PLC ± 0.1 3 PLC ± 0.05 4 PLC ± — ANGLES ± 1	PRODUCT SPEC —						
		APPLICATION SPEC —	SIZE	CAGE CODE	DRAWING NO	RESTRICTED TO —		
	MATERIAL SEE TABLE	FINISH —	WEIGHT 8.1 G	A3	00779		C-2510968	
CUSTOMER DRAWING			SCALE	1:1	SHEET	1 OF 1	REV	A1