

NOTES:

ALL DIMENSIONS ARE NOMINAL FOR REFERENCE ONLY UNLESS OTHERWISE STATED.

RoHS: COMPLIANT.

SPECIFICATIONS:
IMPEDANCE: 75Ω

FREQUENCY: DC TO 12GHz

VSWR/RL: 1.065 MAX. / 30 dB MIN.@DC~6GHz
1.433 MAX. / 15 dB MIN.@6~12GHz

INSERTION LOSS: 0.25 dB MAX.

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

VOLTAGE RATING: 500 VRMS MAX

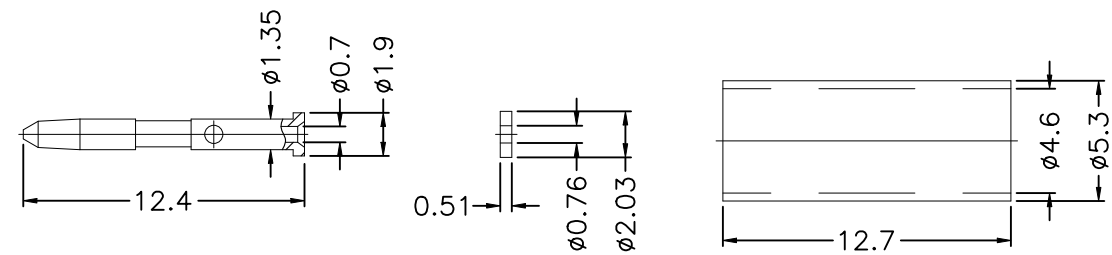
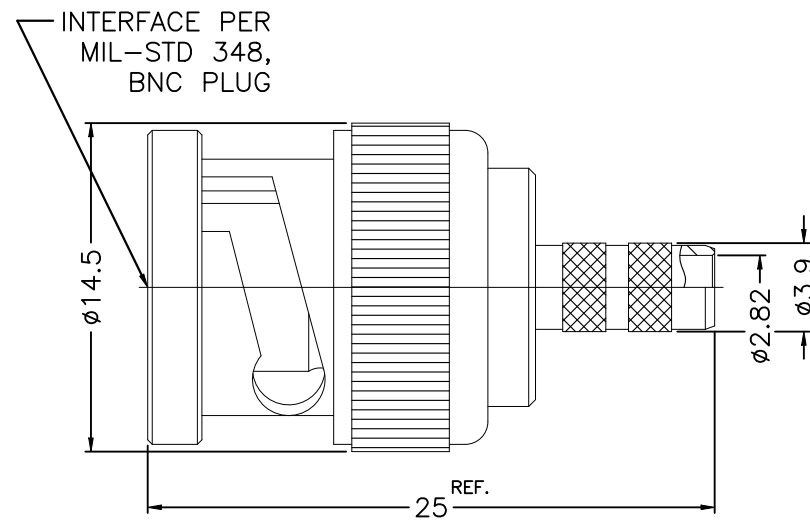
DIELECTRIC WITHSTANDING VOLTAGE: 1500V MAX

INSULATION RESISTANCE: 5000MΩ

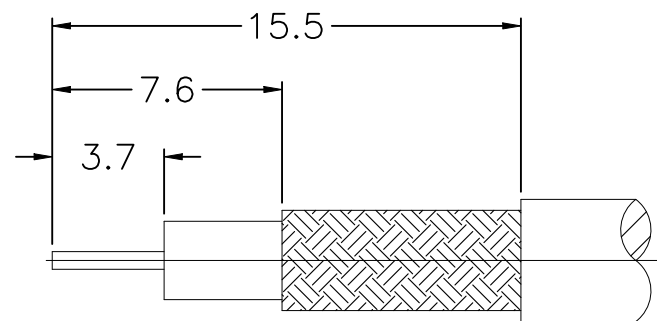
MECHANICAL CHARACTERISTICS
DURABILITY: 500 CYCLES.

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 .178"
- 2. CONTACT PIN TO SOLDER OR
SQ. CRIMP SIZE .043"



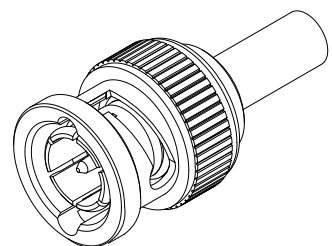
RECOMMENDED
CABLE STRIPPING DIM'S

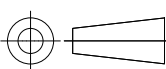
NOTES:

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.

	1	NOTE 1	COPPER	FERRULE	10
	1	NATURAL	PTFE	INSULATOR	9
	1	NOTE 2	BRASS	CONTACT PIN	8
	1	NOTE 1	BRASS	WASHER	7
	1	NOTE 1	SK5	SPRING	6
	1	NOTE 1	BRASS	RETAINER RING	5
	1	RED	SILICONE	GASKET	4
	1	NATURAL	PTFE	INSULATOR	3
	1	NOTE 1	BRASS	BODY	2
	1	NOTE 1	BRASS	SHELL	1
	2510943-1	FINISH/PLATING	MATERIAL	DESCRIPTION	ITEM
QUANTITY PER ASSY			PARTS LIST		



THIS DRAWING IS A CONTROLLED DOCUMENT.		DWN TP	30JUL2025	 TE Connectivity					
DIMENSIONS: mm		CHK TP	30JUL2025	NAME 12G SDI 75 ohm BNC Plug 1855A/4855R Type					
		APVD WILL	30JUL2025						
		TOLERANCES UNLESS OTHERWISE SPECIFIED:		PRODUCT SPEC					
		0 PLC ± 0.3 1 PLC ± 0.2 2 PLC ± 0.1 3 PLC ± 0.05 4 PLC ± - ANGLES ± 1		—					
				APPLICATION SPEC					
MATERIAL SEE TABLE		FINISH —		WEIGHT 9.9 G		SIZE A3	CAGE CODE 00779	DRAWING NO C-2510943	RESTRICTED TO —
CUSTOMER DRAWING							SCALE 1:1	SHEET 1 OF 1	REV A