

REVISIONS					
P	LTR	DESCRIPTION	DATE	DWN	APVD
	A	GTP PER ECN-25-338513	17AUG2025	ED	WZ

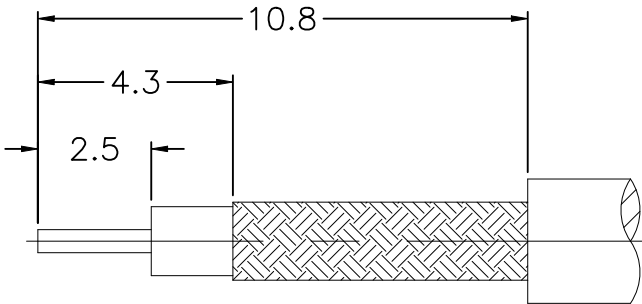
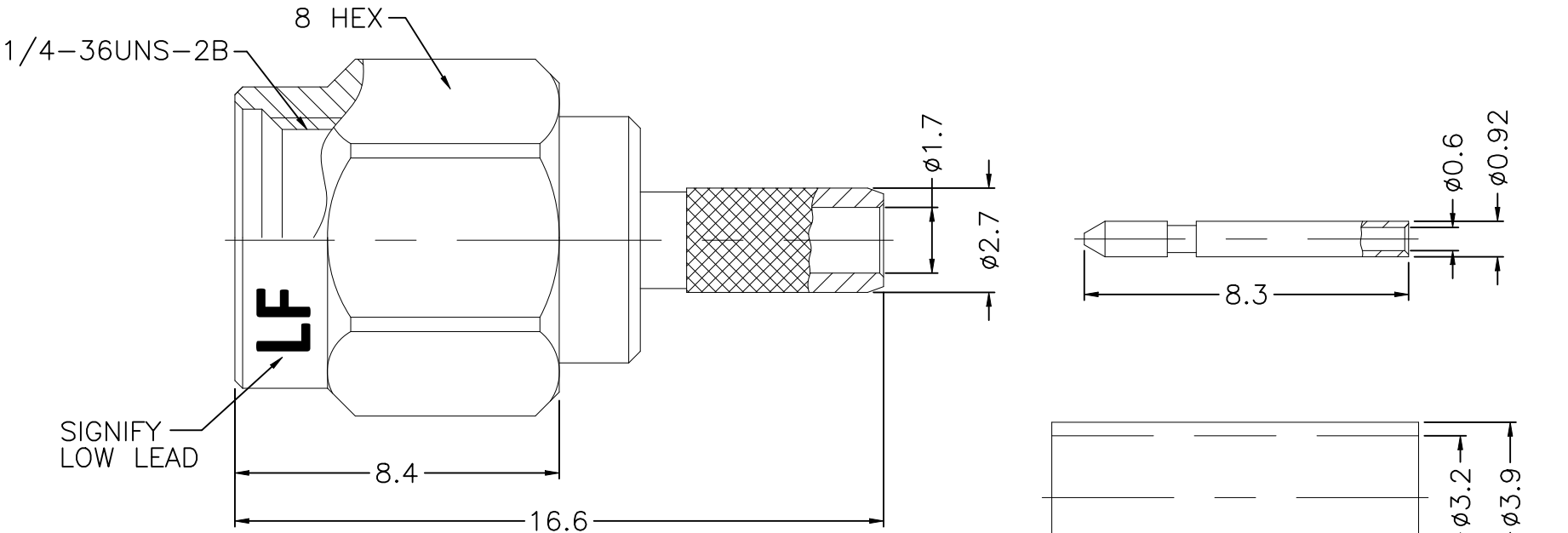
MATERIALS AND PLATING		UNIT: MICRO-INCHES
PART NAME	MATERIAL	PLATING
BODY/SHELL	LOW LEAD BRASS	GOLD 3u"/NICKEL 50u"/COPPER 50u"
CONTACT PIN	LOW LEAD BRASS	GOLD 3u"/NICKEL 50u"/COPPER 50u"
INSULATOR	PTFE ASTM-D-1710	NATURAL
RETAINER RING	LOW LEAD BeCu	NICKEL 100u"/COPPER 50u"
GASKET	SILICONE RUBBER	RED
FERRULE	COPPER(LOW LEAD)	GOLD 3u"/NICKEL 50u"/COPPER 50u"
HEAT SHRINK TUBING	/	BLACK

ELECTRICAL CHARACTERISTICS	
IMPEDANCE	50 Ω
VOLTAGE RATING	335 V(rms)
FREQUENCY RANGE	DC~8 GHz
DIELECTRIC WITHSTANDING VOLTAGE	>1000 V
CONTACT RESISTANCE	CENTER CONTACT <3.0 mΩ
	OUTER CONTACT <2.0 mΩ
INSULATION RESISTANCE	>5000 MΩ
INSERTION LOSS	0.4dB MAX
VSWR	<1.30
3RD INTERMODULATION	N/A

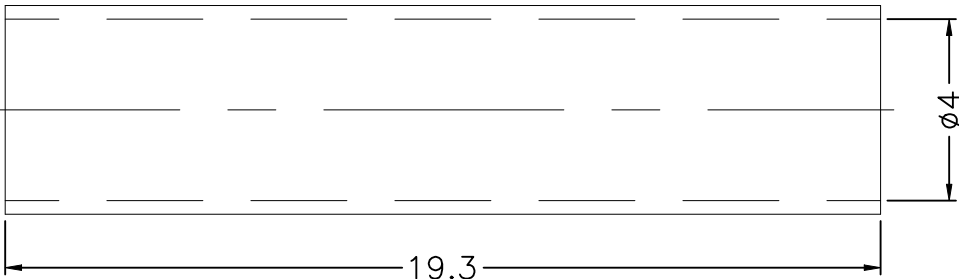
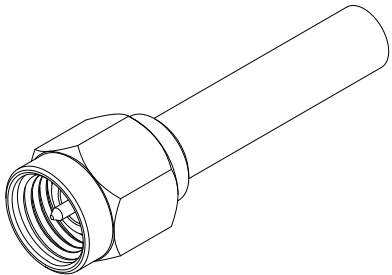
MECHANICAL CHARACTERISTICS	
DURABILITY	> 500 cycles

ENVIRONMENTAL PARAMETER	
TEMPERATURE RANGE	-65 °C~+165 °C
WATERPROOF	/
THERMAL SHOCK	MIL- STD 202, Meth. 107,Cond. B
VIBRATION	MIL- STD 202, Meth. 204,Cond. D
SHOCK	MIL- STD 202, Meth. 213,Cond. I
CORROSION	MIL- STD 202, Meth. 101,Cond. B

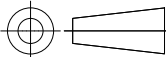
NOTES:
1 BAG PACKAGING;
2 ALL DIMENSIONS ARE NOMINAL FOR REFERENCE ONLY UNLESS OTHERWISE STATED.
3 CRIMPED FERRULE AND HEX CRIMP SIZE IS .128".



RECOMMENDED
CABLE STRIPPING DIM'S



LOW LEAD VERSION,RoHS (Pb < 100ppm),REACH	2508872-1
MARK	PART NUMBER

THIS DRAWING IS A CONTROLLED DOCUMENT.		DWN ED	16JUN2025	 TE Connectivity	
		CHK TP	16JUN2025		
DIMENSIONS: mm	TOLERANCES UNLESS OTHERWISE SPECIFIED:	APVD WH	16JUN2025	NAME SMA Plug Str Crimp RG-174, 316 Lead Free	
		PRODUCT SPEC			
	0 PLC ± 0.3 1 PLC ± 0.3 2 PLC ± 0.2 3 PLC ± 0.1 4 PLC ± - ANGLES ± 5°	APPLICATION SPEC			
MATERIAL	FINISH	WEIGHT		SIZE A3	CAGE CODE 00779
				DRAWING NO C-2508872	RESTRICTED TO
CUSTOMER DRAWING			SCALE 1:1	SHEET 1 OF 1	REV A

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