

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

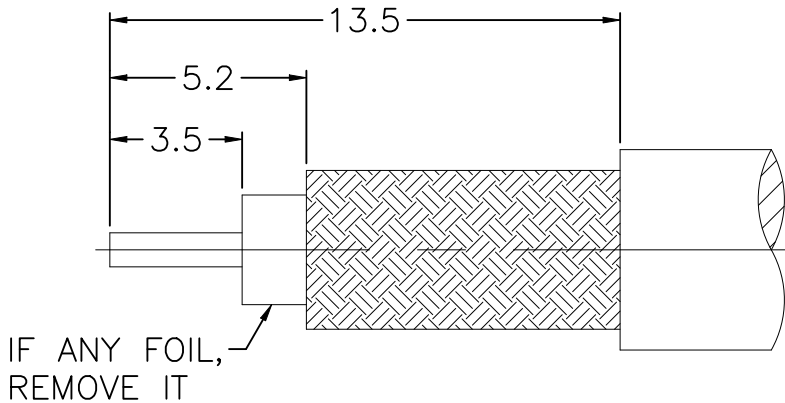
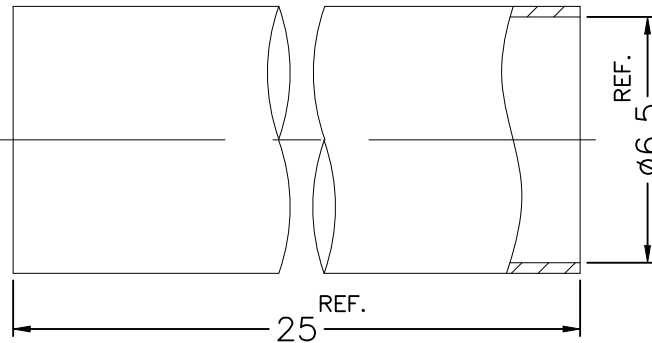
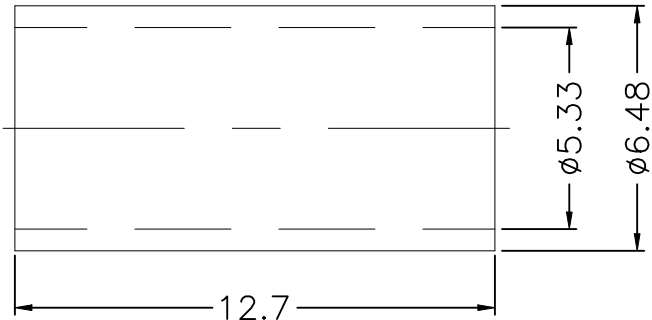
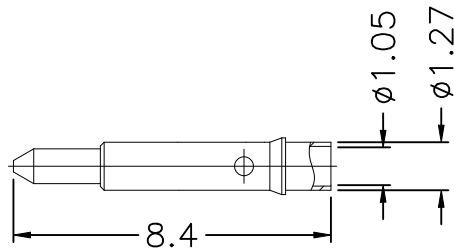
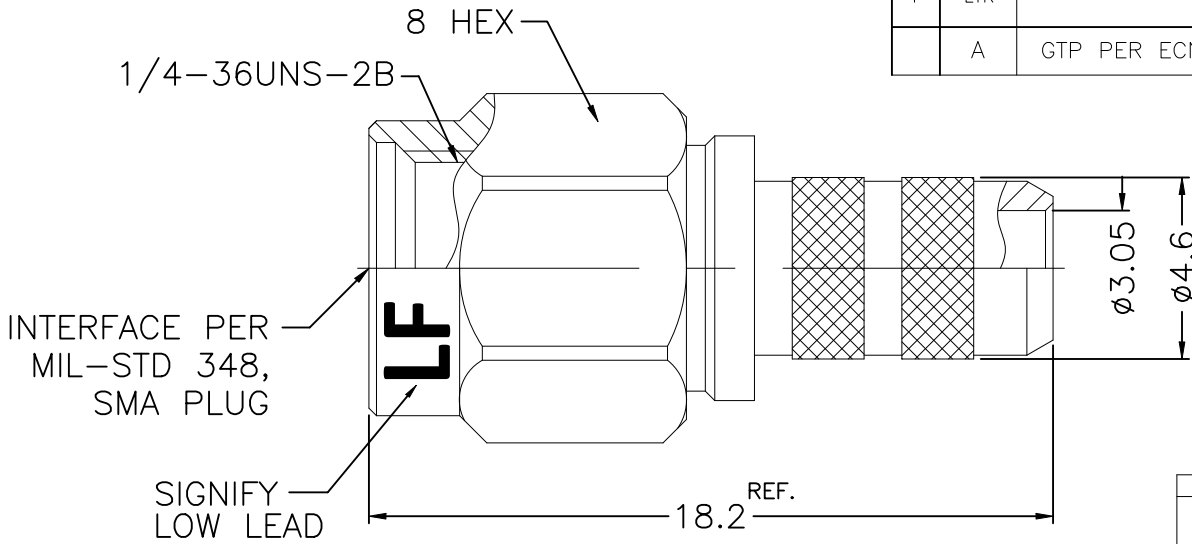
MATERIALS AND PLATING		UNIT: MICRO-INCHES
PART NAME	MATERIAL	PLATING
BODY/SHELL	LOW LEAD BRASS	GOLD 3u"/NICKEL 50u"/COPPER 50u"
CONTACT PIN	LOW LEAD BRASS	GOLD 3u"/NICKEL 50u"/COPPER 50u"
INSULATOR	PTFE ASTM-D-1710	NATURAL
RETAINER RING	LOW LEAD BeCu	NICKEL 100u"/COPPER 50u"
GASKET	SILICONE RUBBER	RED
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		N/A
VSWR		<1.30
3RD INTERMODULATION		N/A

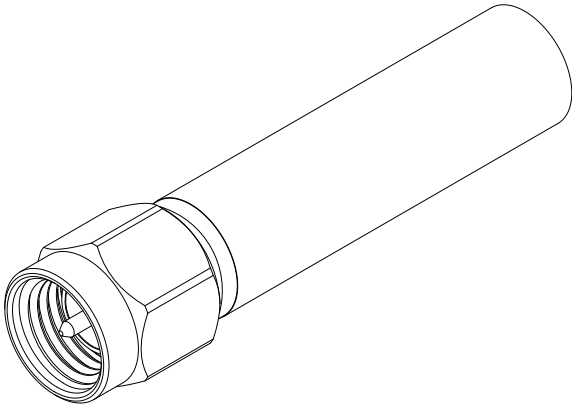
MECHANICAL CHARACTERISTICS	
DURABILITY	> 500 cycles

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.

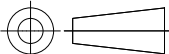


RECOMMENDED
CABLE STRIPPING DIM'S



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

LOW LEAD VERSION,RoHS (Pb < 100ppm),REACH	2508873-1
MARK	PART NUMBER

THIS DRAWING IS A CONTROLLED DOCUMENT.		DWN ED	16JUN2025	TE Connectivity				
		CHK TP	16JUN2025					
DIMENSIONS: mm		TOLERANCES UNLESS OTHERWISE SPECIFIED:		NAME SMA Plug Str Crimp RG-58, 141 Lead Free — —				
		0 PLC ± 0.3						
		1 PLC ± 0.3						
		2 PLC ± 0.2						
		3 PLC ± 0.1						
		4 PLC ± —						
		ANGLES ± 5°						
MATERIAL		FINISH		SIZE	CAGE CODE	DRAWING NO	RESTRICTED TO	
—		—		0	A300779	C-2508873	—	
CUSTOMER DRAWING						SCALE	SHEET	REV
						1:1	1 OF 1	A