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

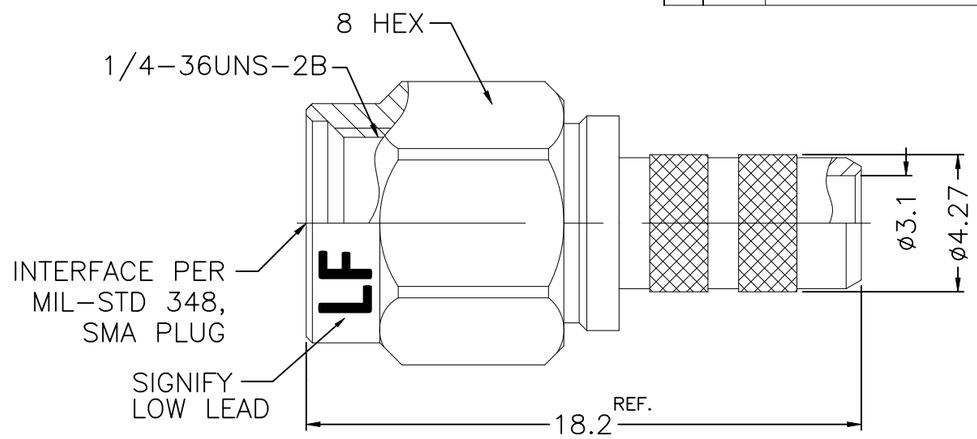
MATERIALS AND PLATING		UNIT: MICRO-INCHES
PART NAME	MATERIAL	PLATING
BODY/SHELL	LOW LEAD BRASS	GOLD 3u"/NICKEL 50u"/COPPER 50u"
CONTACT PIN	LOW LEAD BRASS	GOLD 3u"/NICKEL 50u"/COPPER 50u"
INSULATOR	PTFE ASTM-D-1710	NATURAL
RETAINER RING	LOW LEAD BeCu	NICKEL 100u"/COPPER 50u"
GASKET	SILICONE RUBBER	RED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

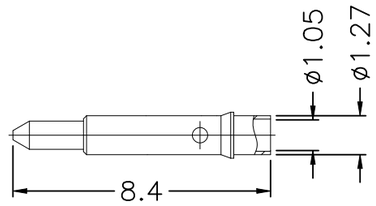
ELECTRICAL CHARACTERISTICS		
IMPEDANCE		50 Ω
VOLTAGE RATING		335 V(rms)
FREQUENCY RANGE		DC~12.4 GHz
DIELECTRIC WITHSTANDING VOLTAGE		>1000 V
CONTACT RESISTANCE	CENTER CONTACT	<3.0 mΩ
	OUTER CONTACT	<2.0 mΩ
INSULATION RESISTANCE		>5000 MΩ
INSERTION LOSS		0.25dB MAX
VSWR		<1.30
3RD INTERMODULATION		N/A

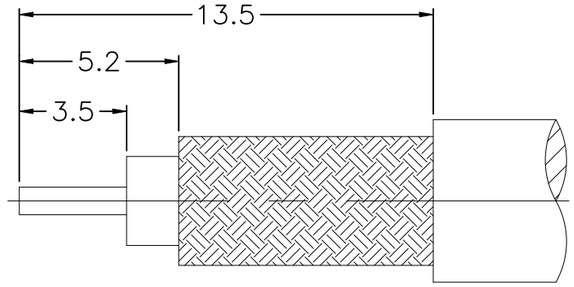
MECHANICAL CHARACTERISTICS	
DURABILITY	> 500 cycles

ENVIRONMENTAL PARAMETER	
TEMPERATURE RANGE	-65 ℃~+165 ℃
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

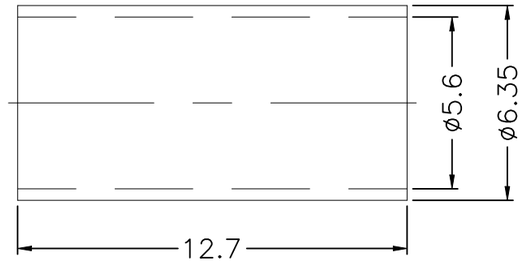
NOTES:
1 BAG PACKAGING;
2 ALL DIMENSIONS ARE NOMINAL FOR REFERENCE ONLY UNLESS OTHERWISE STATED.



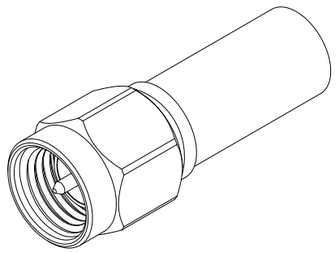




RECOMMENDED
CABLE STRIPPING DIM'S



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



LOW LEAD VERSION,RoHS (Pb < 100ppm),REACH	2508906-1
MARK	PART NUMBER

THIS DRAWING IS A CONTROLLED DOCUMENT.

DIMENSIONS: mm	TOLERANCES UNLESS OTHERWISE SPECIFIED:
	0 PLC ± 0.3 1 PLC ± 0.3 2 PLC ± 0.2 3 PLC ± 0.1 4 PLC ± – ANGLES ± 5°
MATERIAL: –	FINISH: –

DWN	ED	16JUN2025
CHK	TP	16JUN2025
APVD	WH	16JUN2025
PRODUCT SPEC	—	
APPLICATION SPEC	—	
WEIGHT	—	

TE Connectivity

NAME: SMA Plug Str Crimp RG-55, 142 Lead Free – –

SIZE	CAGE CODE	DRAWING NO	RESTRICTED TO
A3	00779	C-2508906	—

CUSTOMER DRAWING | SCALE 1:1 | SHEET 1 OF 1 | REV A

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