

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&HOUSING	LOW LEAD BRASS	GOLD 3u"/NICKEL 50u"/COPPER 50u"
CONTACT PIN 1	LOW LEAD BeCu	GOLD 3u"/NICKEL 50u"/COPPER 50u"
INSULATOR	PTFE ASTM-D-1710	NATURAL
CONTACT PIN 2	LOW LEAD BRASS	GOLD 3u"/NICKEL 50u"/COPPER 50u"
COVER	LOW LEAD BRASS	GOLD 3u"/NICKEL 50u"/COPPER 50u"

ELECTRICAL CHARACTERISTICS

IMPEDANCE		50 Ω
VOLTAGE RATING		335 V(rms)
FREQUENCY RANGE		DC~18 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

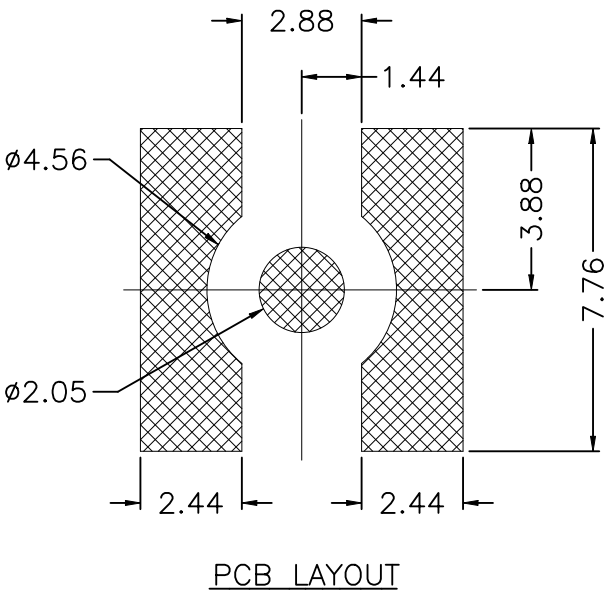
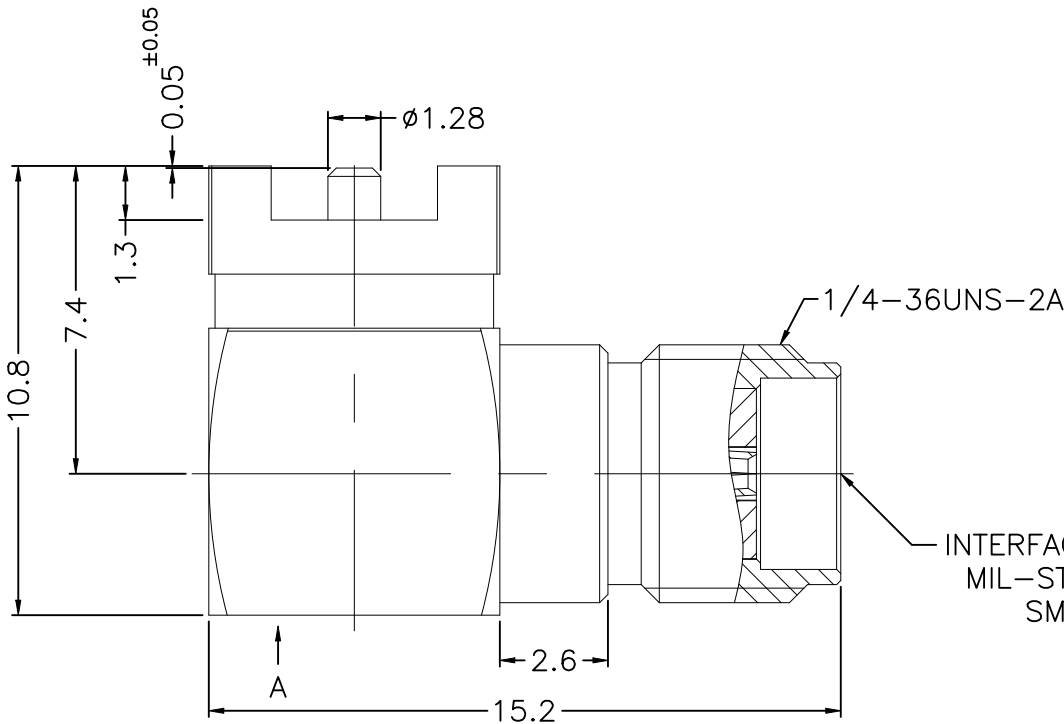
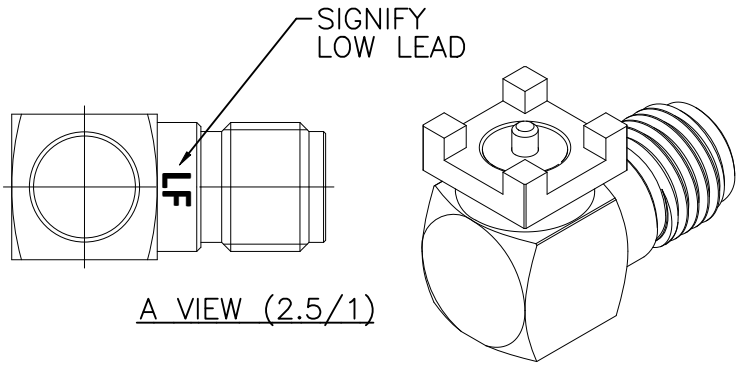
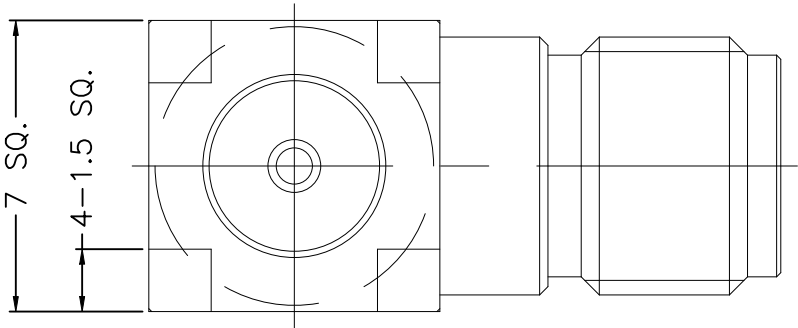
MECHANICAL CHARACTERISTICS

DURABILITY	> 500 cycles
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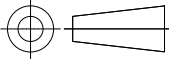
ENVIRONMENTAL PARAMETER

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 TAPE AND REEL PACKAGING AND DETAIL PACKAGING SPEC IS IN PAGE 2;
2 ALL DIMENSIONS ARE NOMINAL FOR REFERENCE ONLY UNLESS OTHERWISE STATED.



LOW LEAD VERSION,RoHS (Pb < 100ppm),REACH	2508856-1
MARK	PART NUMBER

THIS DRAWING IS A CONTROLLED DOCUMENT.		DWN ED CHK TP APVD WH		16JUN2025 16JUN2025 16JUN2025		TE Connectivity Ltd.					
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°		NAME		SMA Jack RA Surface Mnt Lead Free 18G					
				PRODUCT SPEC						—	
				APPLICATION SPEC						—	
				—		—					
				MATERIAL		FINISH		SIZE	CAGE CODE	DRAWING NO	
—		—		WEIGHT	0	A3	00779	C-2508856	—		
CUSTOMER DRAWING						SCALE	1:1	SHEET	1 of 2	REV	A

