

MATERIALS AND PLATING		UNIT: MICRO-INCHES
PART NAME	MATERIAL	PLATING
BODY	LOW LEAD BRASS	GOLD 3u"/NICKEL 50u"/COPPER 50u"
CONTACT PIN	LOW LEAD BeCu	GOLD 3u"/NICKEL 50u"/COPPER 50u"
INSULATOR	PTFE ASTM-D-1710	NATURAL
MYLAR	/	/

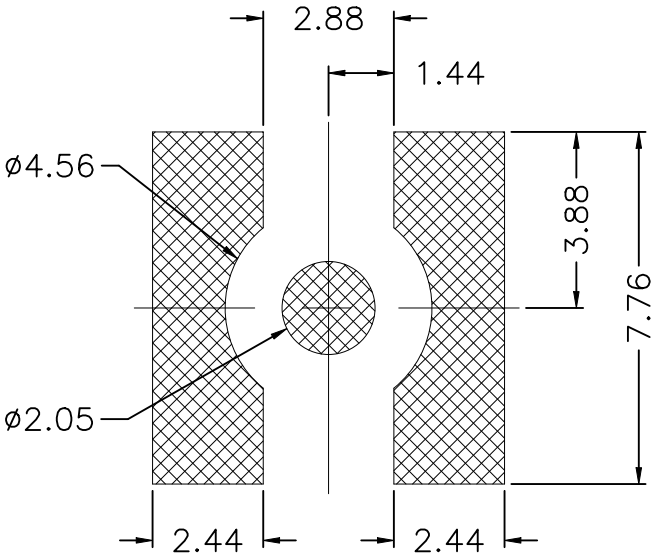
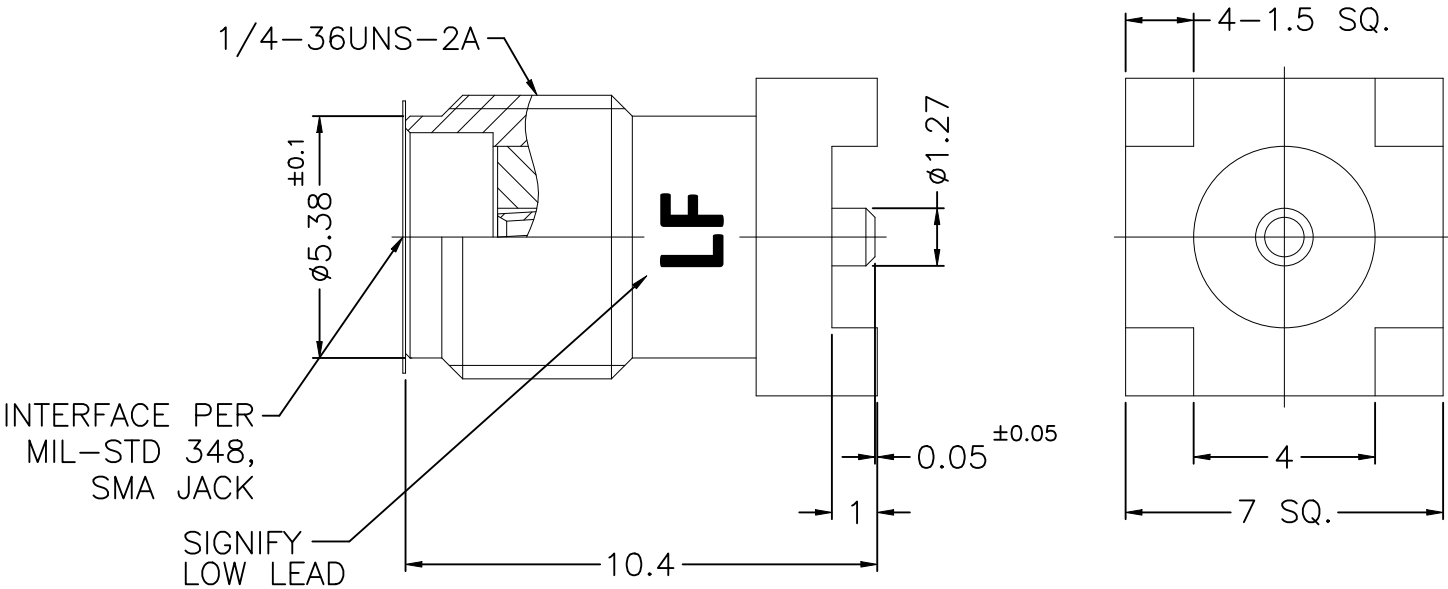
ELECTRICAL CHARACTERISTICS		
IMPEDANCE		50 Ω
VOLTAGE RATING		335 V(rms)
FREQUENCY RANGE		DC~18 GHz
DIELECTRIC WITHSTANDING VOLTAGE		>1000 V
CONTACT RESISTANCE	CENTER CONTACT	<3.0 mΩ
	OUTER CONTACT	<2.0 mΩ
INSULATION RESISTANCE		>5000 MΩ
INSERTION LOSS		0.25dB MAX
VSWR		<1.30
3RD INTERMODULATION		N/A

MECHANICAL CHARACTERISTICS	
DURABILITY	> 500 cycles

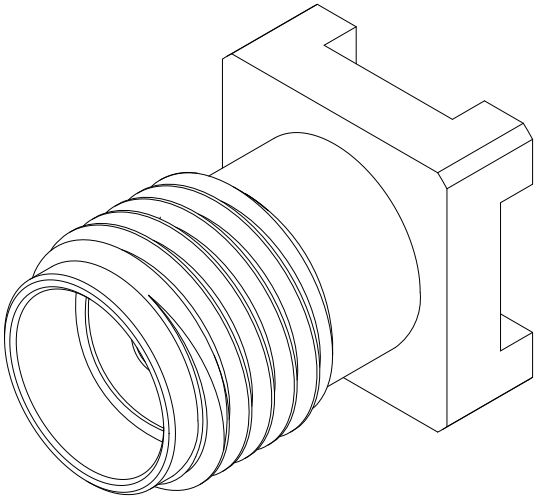
ENVIRONMENTAL PARAMETER	
TEMPERATURE RANGE	−65 °C~+165 °C
WATERPROOF	/
THERMAL SHOCK	MIL- STD 202, Meth. 107,Cond. B
VIBRATION	MIL- STD 202, Meth. 204,Cond. D
SHOCK	MIL- STD 202, Meth. 213,Cond. I
CORROSION	MIL- STD 202, Meth. 101,Cond. B

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.

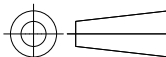
REVISIONS					
P	LTR	DESCRIPTION	DATE	DWN	APVD
	A	GTP PER ECN-25-338513	17AUG2025	ED	WZ



PCB LAYOUT

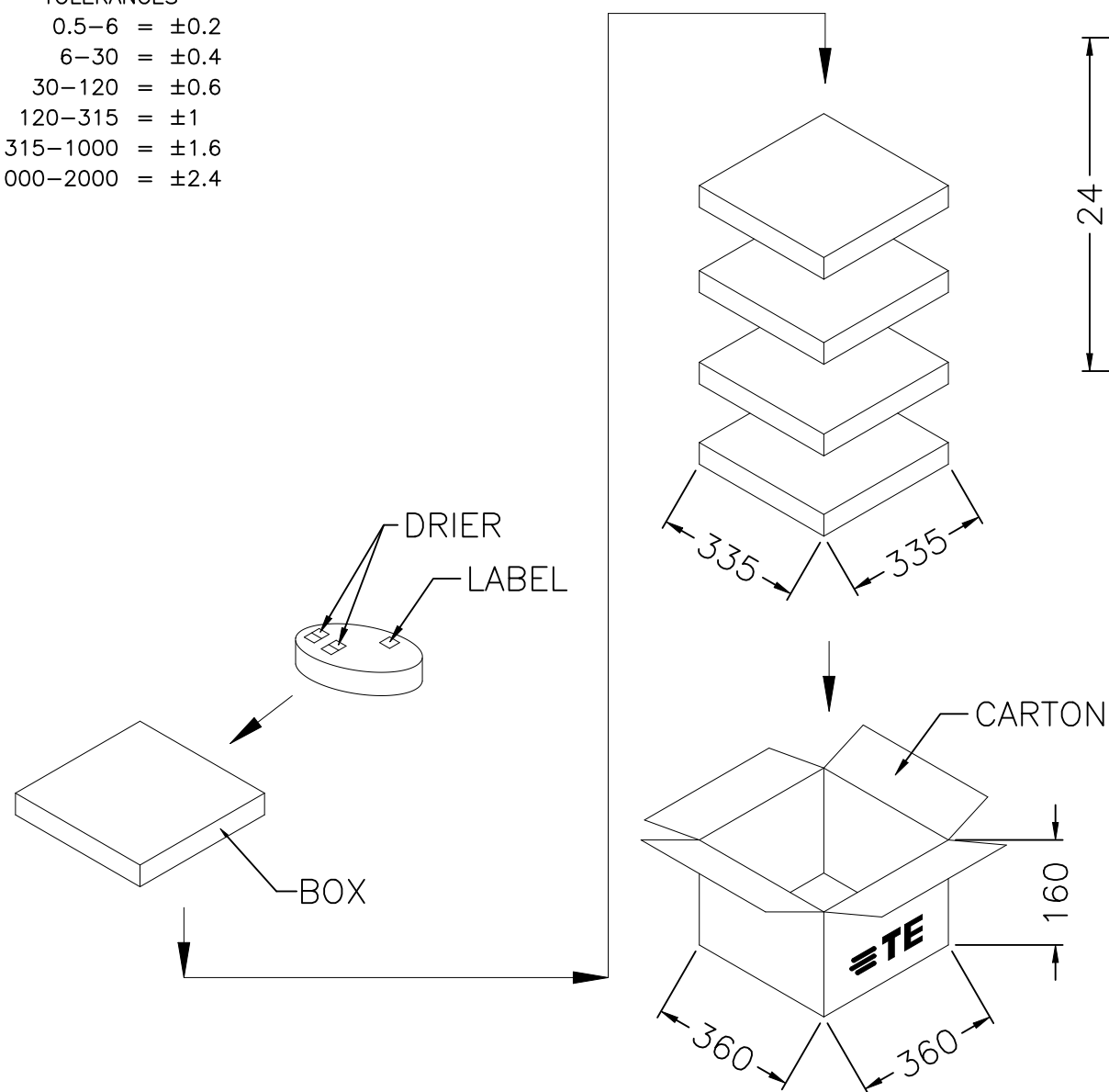


LOW LEAD VERSION,RoHS (Pb < 100ppm),REACH	2508823-1
MARK	PART NUMBER

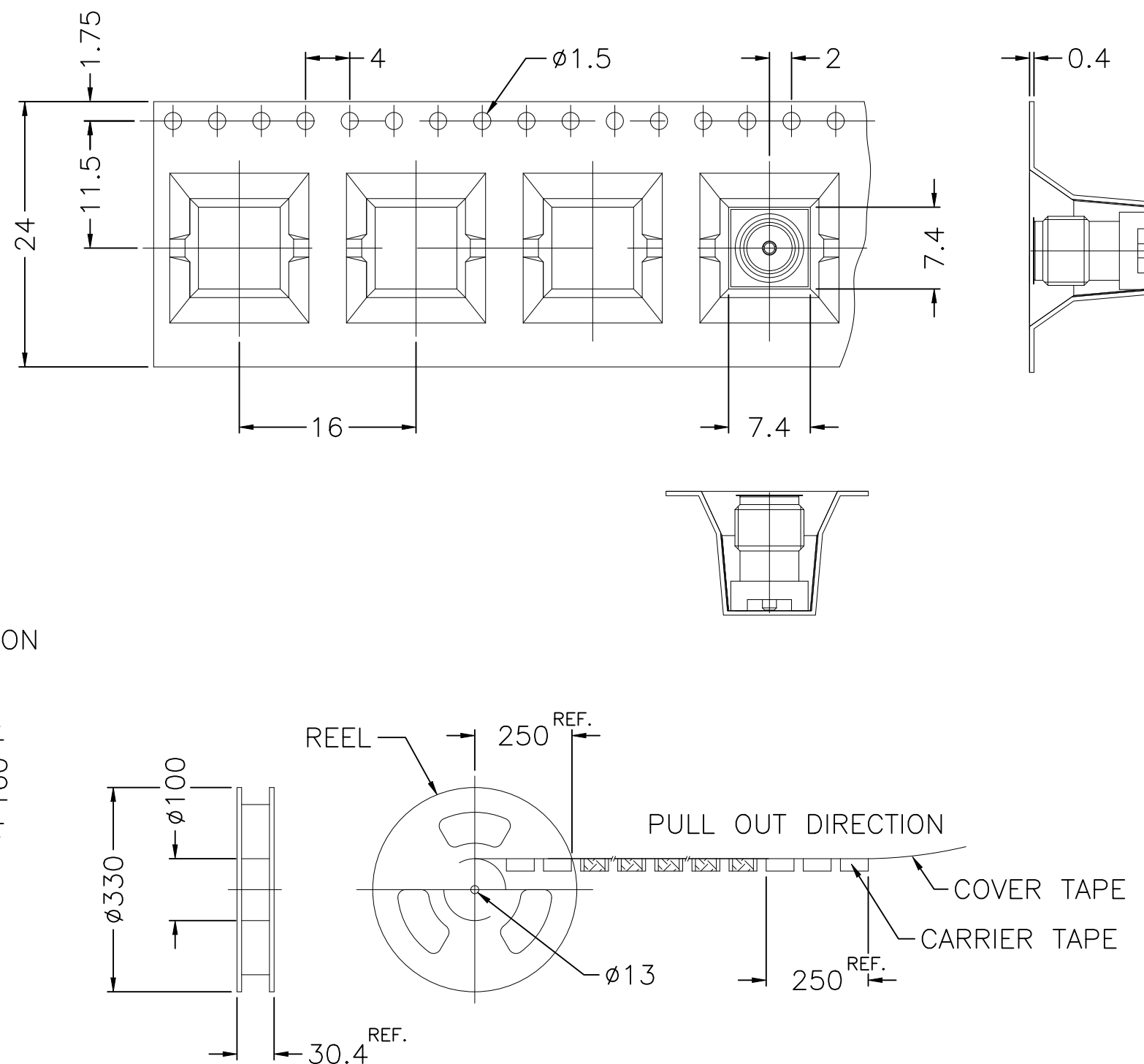
THIS DRAWING IS A CONTROLLED DOCUMENT.		DWN ED	16JUN2025	 TE Connectivity Ltd.				
		CHK TP	16JUN2025					
DIMENSIONS: mm	TOLERANCES UNLESS OTHERWISE SPECIFIED:	APVD WH	16JUN2025	NAME SMA Jack Str Surface Mnt Lead Free 18G				
	0 PLC ± 0.3	PRODUCT SPEC	—					
	1 PLC ± 0.3	—	—					
	2 PLC ± 0.2	APPLICATION SPEC	—					
	3 PLC ± 0.1	—	—					
4 PLC ± 0.1	—	—	SIZE	CAGE CODE	DRAWING NO	RESTRICTED TO —		
4 PLC ± —	—	—	A300779C-2508823					
MATERIAL —	FINISH —	WEIGHT 0	CUSTOMER DRAWING			SCALE 1:1	SHEET 1 of 2	REV A
		ANGLES ± 5°						

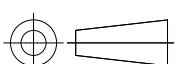
UNLESS OTHERWISE SPECIFIED
TOLERANCES

0.5-6 = ± 0.2
 6-30 = ± 0.4
 30-120 = ± 0.6
 120-315 = ± 1
 315-1000 = ± 1.6
 1000-2000 = ± 2.4



NOTE: 1. CARRIER TAPE : BLACK ANTI-STATIC POLYSTYRENE
APPROXIMATE LENGTH (METER) : 6.9M
2. COVER TAPE : TRANSPARENT ANTI-STATIC
PG-608B (21.3m/m)
3. BOX, CARTON : PAPER
4. QUANTITY : 400 PCS/BOX
1600 PCS/CARTON



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TOLERANCES UNLESS OTHERWISE SPECIFIED:		APVD WH 16JUN2025		NAME SMA Jack Str Surface Mnt Lead Free 18G	
		PRODUCT SPEC —		—	
		APPLICATION SPEC —		—	
MATERIAL —		FINISH —		SIZE A3	CAGE CODE 00779
		WEIGHT —		DRAWING NO C-2508823	
CUSTOMER DRAWING				SCALE 1:1	SHEET 2 of 2
				REV A	