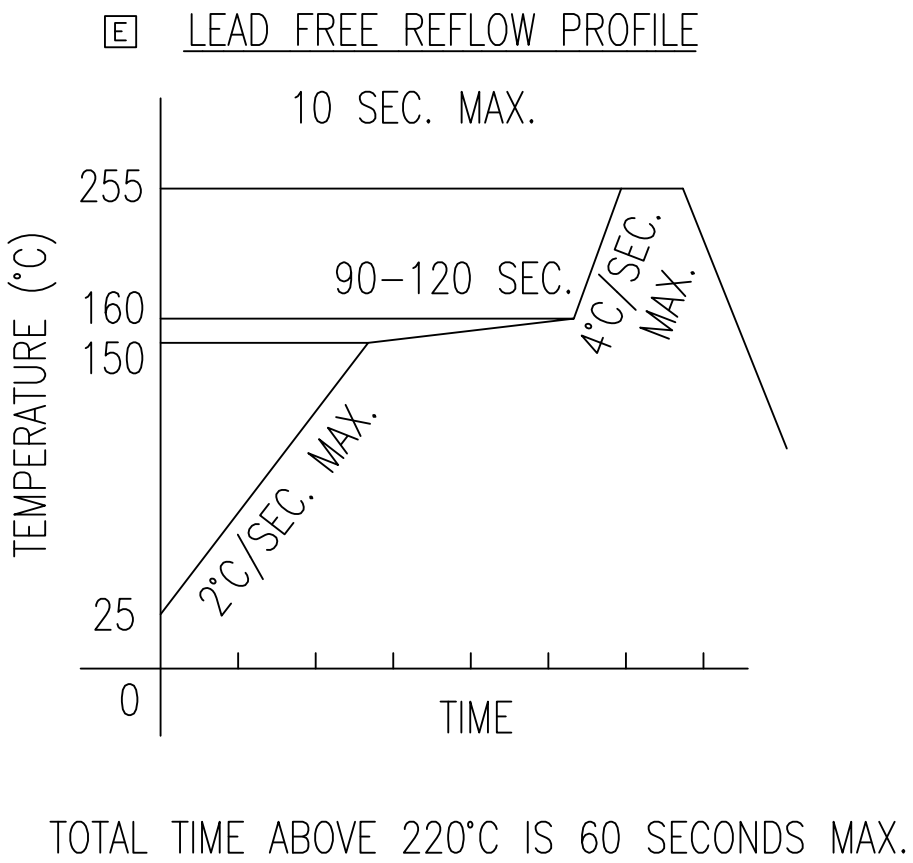
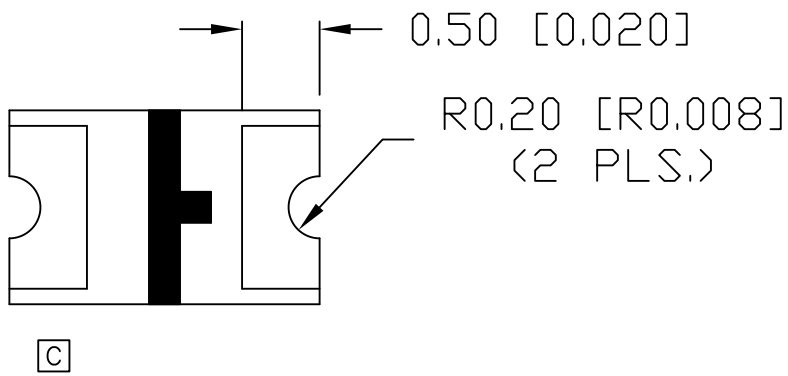
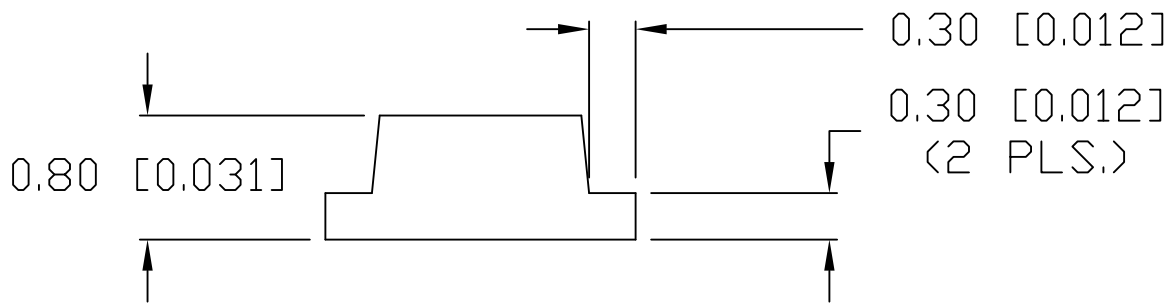
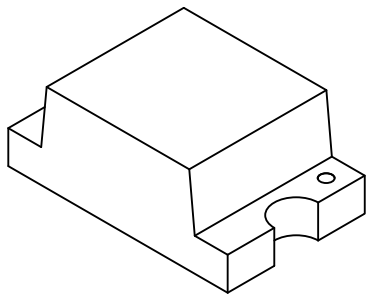
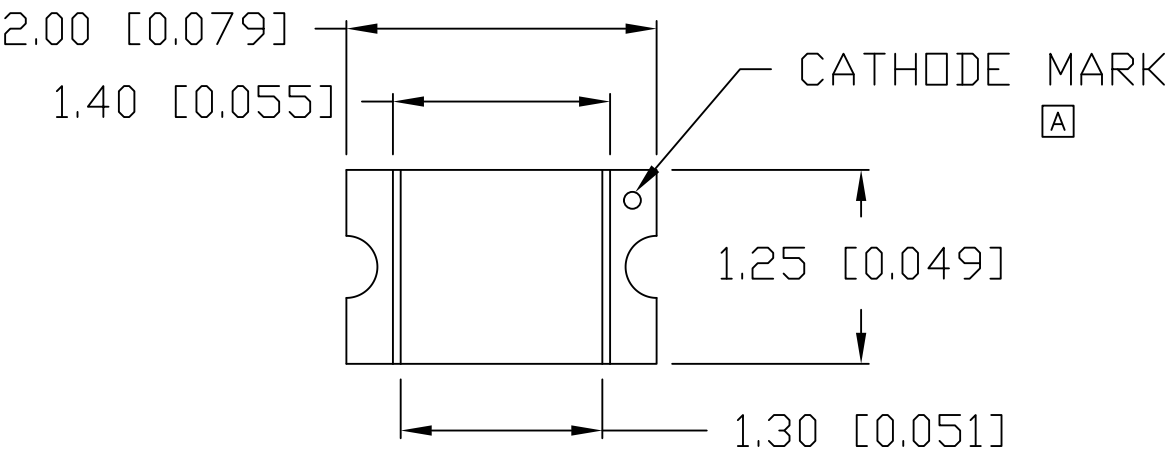


PART NUMBER		SML-LXT0805SYW-TR	REV.	G
DATE		E.C.N. NUMBER AND REVISION COMMENTS		REV.
12.08.99		E.C.N. #10567.		A
01.08.01		E.C.N. #10695.		B
02.25.02		E.C.N. #10814.		C
03.22.04		E.C.N. #10967.		D
08.12.05		E.C.N. #11248.		E
09.30.09		E.C.N. #11508.		F
12.17.19		ECN-Lumex201900133		G



ELECTRO-OPTICAL CHARACTERISTICS T _A =25°C I _f =20mA					
PARAMETER	MIN	TYP	MAX	UNITS	TEST COND
PEAK WAVELENGTH		590		nm	
FORWARD VOLTAGE		2.1	2.5	V _f	
REVERSE VOLTAGE	5.0			V _r	I _r =100μA
AXIAL INTENSITY	25	60		mcd	I _f =20mA
VIEWING ANGLE		140		2x theta	
EMITTED COLOR:	YELLOW				
EPOXY LENS FINISH:	MILKY WHITE DIFFUSED				

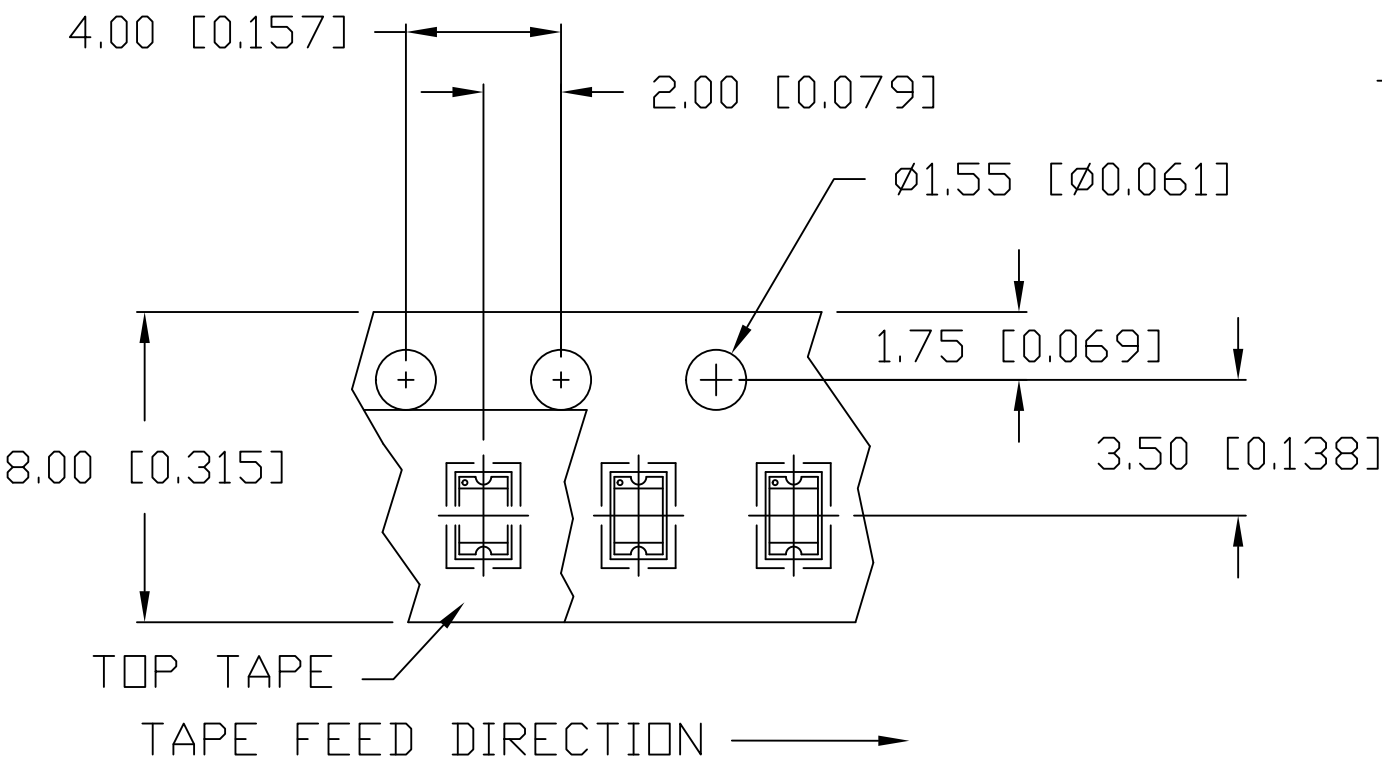
LIMITS OF SAFE OPERATION AT 25°C		
PARAMETER	MAX	UNITS
PEAK FORWARD CURRENT*	100	mA
STEADY CURRENT	30	mA
POWER DISSIPATION	100	mW
DERATE FROM 25°C	-1.2	mW/°C
OPERATING TEMP.	-25 TO +80	°C
STORAGE TEMP.	-30 TO +85	°C

* t<10μS

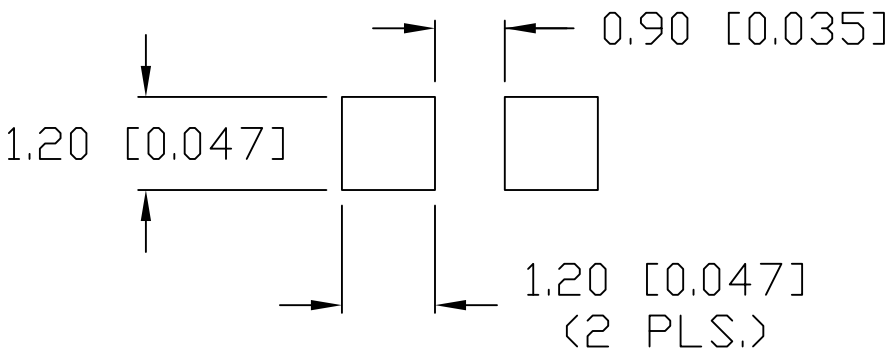
NOTES:

1. 4K PER REEL
2. CATHODE IS ORIENTED TOWARDS THE TAPE SPROCKET HOLE.

CAUTION: MOISTURE SENSITIVE DEVICE
PER JEDEC LEVEL 2a STANDARDS



RECOMMENDED SOLDER PAD LAYOUT



*UNLESS OTHERWISE SPECIFIED TOLERANCES PER DECIMAL PRECISION ARE: X=±1 (±0.039), X.X=±0.5 (±0.020), X.XX=±0.25 (±0.010), X.XXX=±0.127 (±0.005). LEAD SIZE=±0.05 (±0.002), LEAD LENGTH=±0.75 (±0.030). MIN= +DECIMAL PRECISION -0.00 MAX.= +0.00 -DECIMAL PRECISION

	425 N. GARY AVE. CAROL STREAM, IL 60188 PHONE: 800-278-5666 FAX: 630-315-2150 WEB: WWW.LUMEX.COM	2.0mm x 1.25mm THIN PCB SURFACE MOUNT LED, 590nm YELLOW, MILKY WHITE DIFFUSED LENS, TAPE AND REEL.	DATE: 12.17.19	DRAWN BY: C.S.
			PAGE: 1 OF 1	CHKD BY: E.C.
			SCALE: NTS	APRVD BY: G.Y.
			UNIT: mm [INCH]	(Pb)

THE SPECIFICATIONS MAY CHANGE AT ANY TIME WITHOUT NOTICE.

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