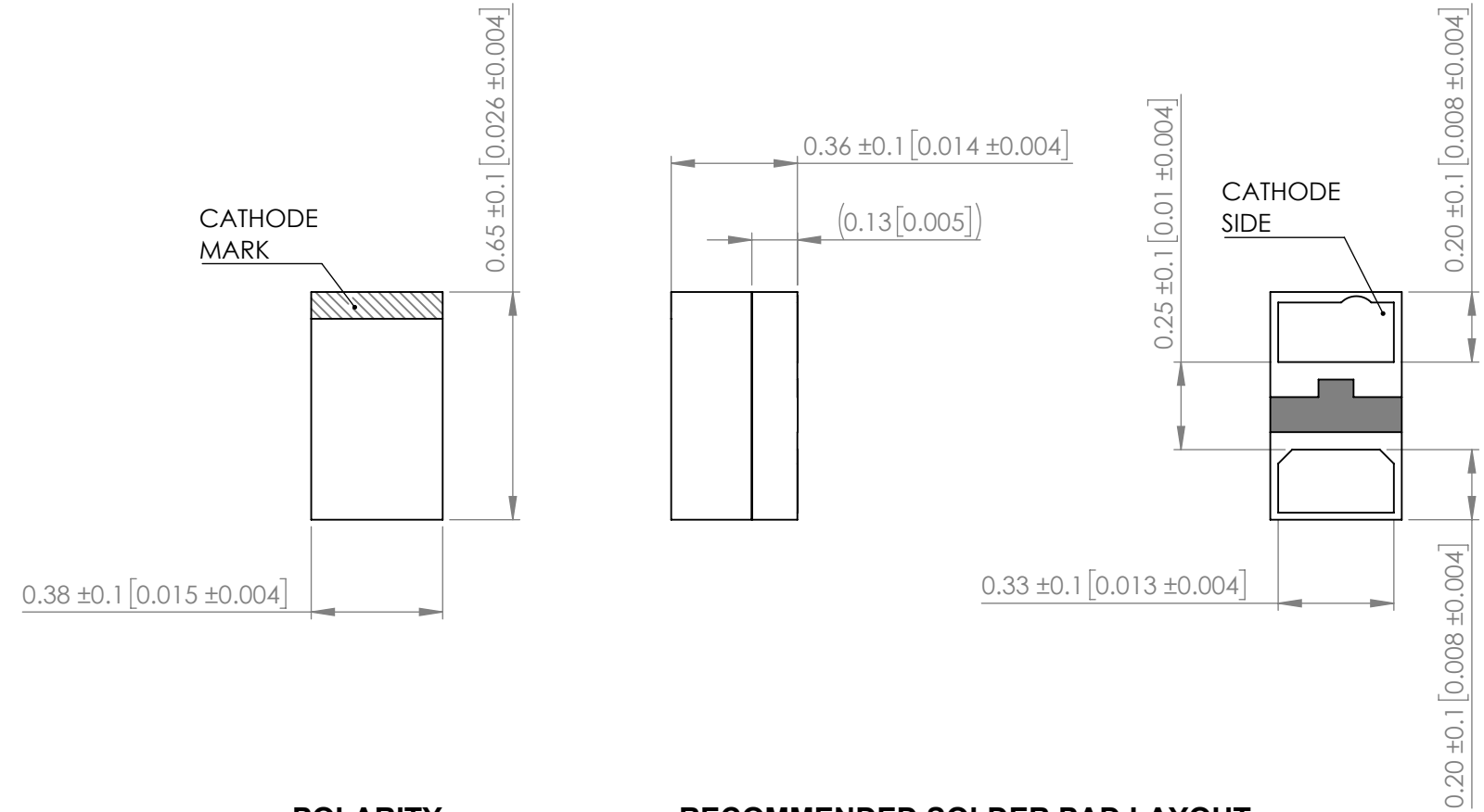


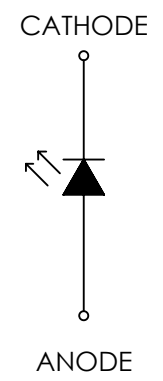
PART NUMBER		SML-LX0201NWD-TR	REV	A
REV	E.C.N. NUMBER AND REVISION COMMENTS		DATE	
A	ECN-Lumex202000054		07.28.20	



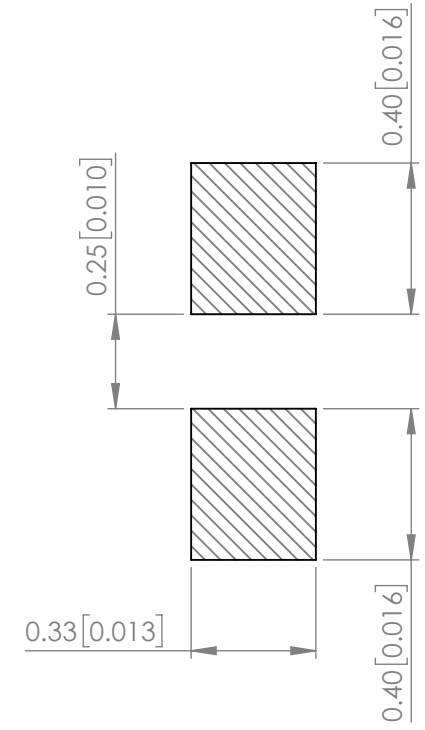
ELECTRO-OPTICAL CHARACTERISTIC TA=25°C

PARAMETER	MIN	TYP	MAX	UNITS	TEST COND
PEAK WAVELENGTH	X	-	0.300	-	If=2mA
	Y	-	0.296	-	
FORWARD VOLTAGE	-	2.6	3.2	Vf	If=2mA
REVERSE VOLTAGE	-	-	5	Vr	Ir=100uA
LUMINOUS INTENSITY	-	55	-	mcd	If=2mA
VIEWING ANGLE	-	110	-	2x theta1/2	-
EMITTED COLOR	WHITE				
EPOXY LENS FINISH	YELLOW DIFFUSED				

POLARITY



RECOMMENDED SOLDER PAD LAYOUT



ABSOLUTE MAXIMUM RATINGS TA=25°C

PARAMETER	MAX	UNITS
PEAK FORWARD CURRENT*	60	mA
FORWARD CURRENT	5	mA
POWER DISSIPATION	16	mW
STORAGE TEMPERATURE	-40~+100	°C
OPERATING TEMPERATURE	-40~+85	°C

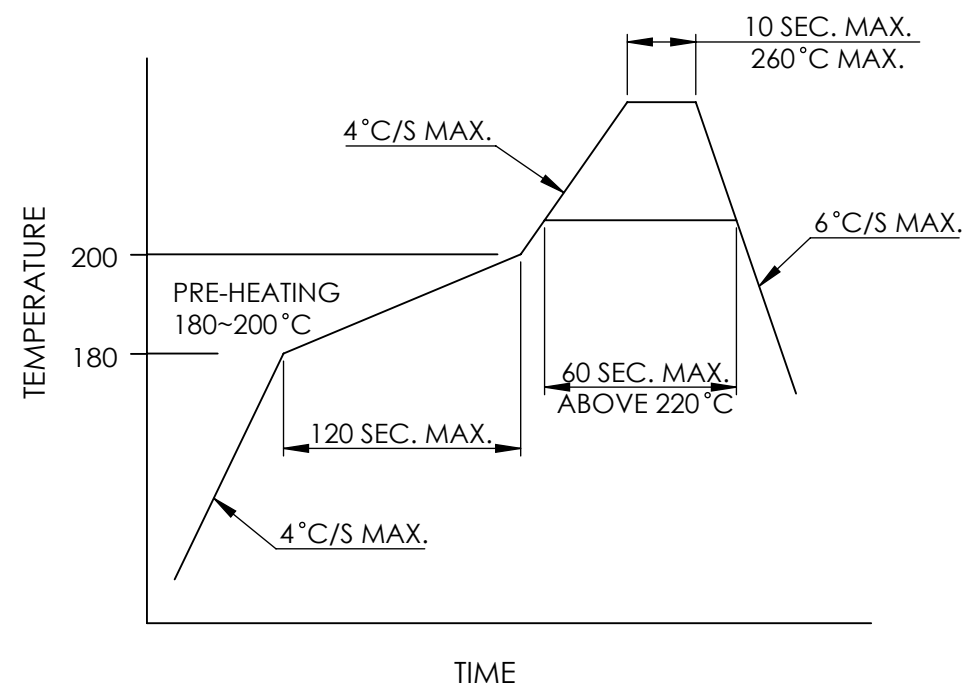
*t<10us

CAUTION : MOISTURE SENSITIVE DEVICE
 PER JEDEC LEVEL 2a STANDARDS

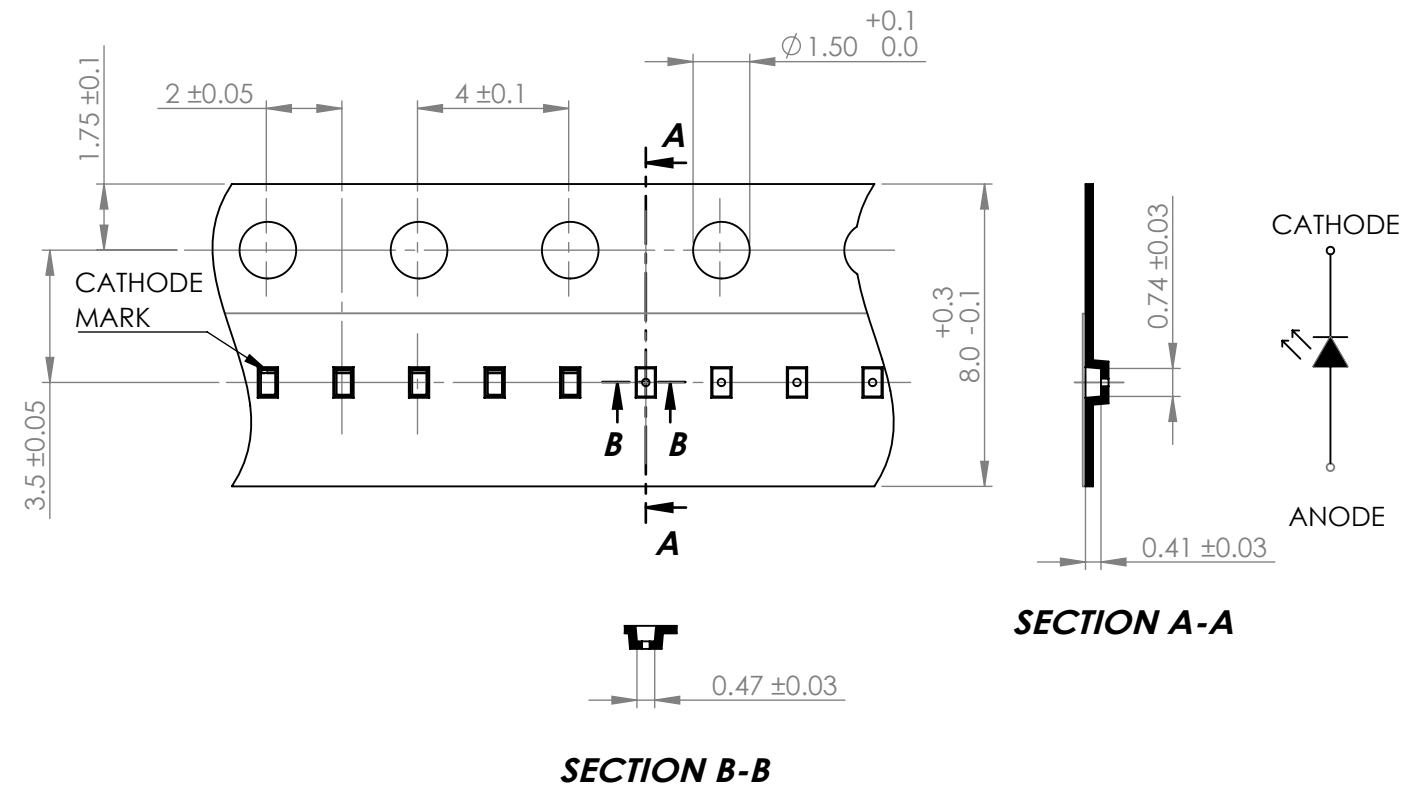
CAUTION : STATIC DEVICE
 FOLLOW PROPER E.S.D. HANDLING
 PROCEDURES WHEN WORKING WITH THIS PART.

*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}

PROFILE



CARRIER TAPE DIMENSION



*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}



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0.65(L)*0.38(W)*0.36(H)mm, SURFACE MOUNT TOP VIEW LED, InGaN NEUTRAL WHITE, YELLOW DIFFUSED LENS, TAPE & REEL

THE SPECIFICATIONS MAY CHANGE AT ANY TIME WITHOUT NOTICE.

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DATE : 2017.10.31
PAGE : 2 OF 2
SCALE : NTF
UNIT : mm [INCH]

DRAWN BY : C.C.
CHKD BY : G.Y.
APRVD BY : R.C.
Pb