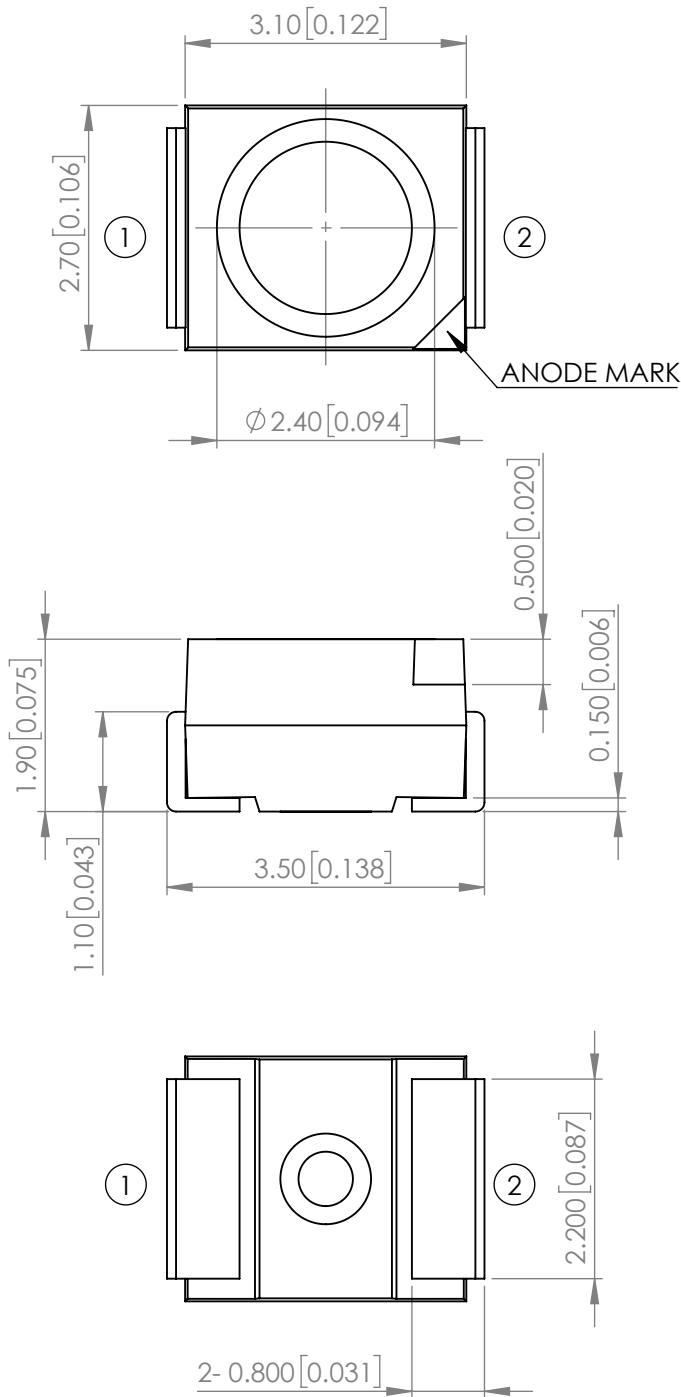
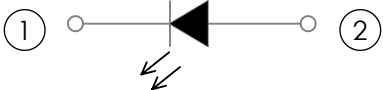


PART NUMBER		SML-LX2832SYC/B-TR	REV	B
REV	E.C.N NUMBER AND REVISION COMMENTS			DATE
A	E.C.N. #11627			05.06.10
B	ECN-Lumex202000036			04.30.20



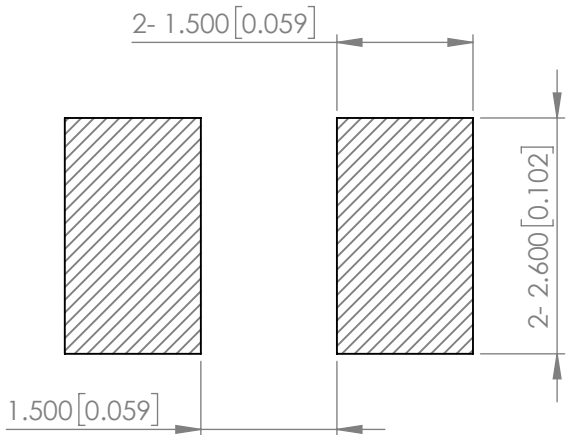
POLARITY



ELECTRO-OPTICAL CHARACTERISTIC TA=25°C

PARAMETER	MIN	TYP	MAX	UNITS	TEST COND
PEAK WAVELENGTH	-	590	-	nm	If=20mA
FORWARD VOLTAGE	-	2.0	2.35	Vf	If=20mA
REVERSE CURRENT	-	-	10	uA	VR=5V
LUMINOUS INTENSITY	450	-	1120	mcd	If=20mA
VIEWING ANGLE	-	120	-	2x theta1/2	-
EMITTED COLOR	YELLOW				
EPOXY LENS FINISH	WATER CLEAR				

RECOMMENDED SOLDER PAD LAYOUT



ABSOLUTE MAXIMUM RATINGS TA=25°C

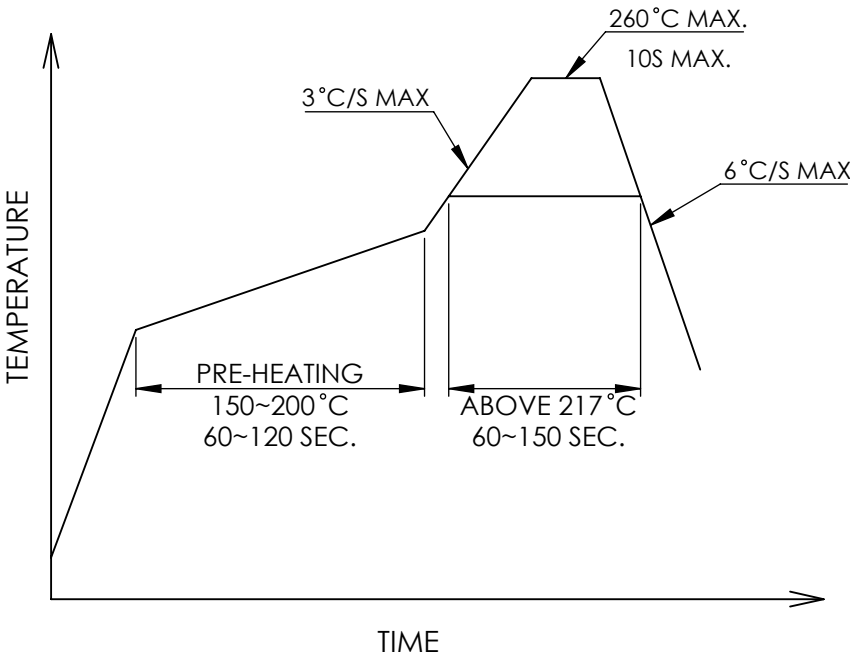
PARAMETER	MAX	UNITS
PEAK FORWARD CURRENT*	100	mA
FORWARD CURRENT	50	mA
REVERSE VOLTAGE	5	V
POWER DISSIPATION	120	mW
STORAGE TEMPERATURE	-40 TO +90	°C
OPERATING TEMPERATURE	-40 TO +85	°C
SOLDERING TEMPERATURE	3 SEC. MAX @260	°C

*t<10us

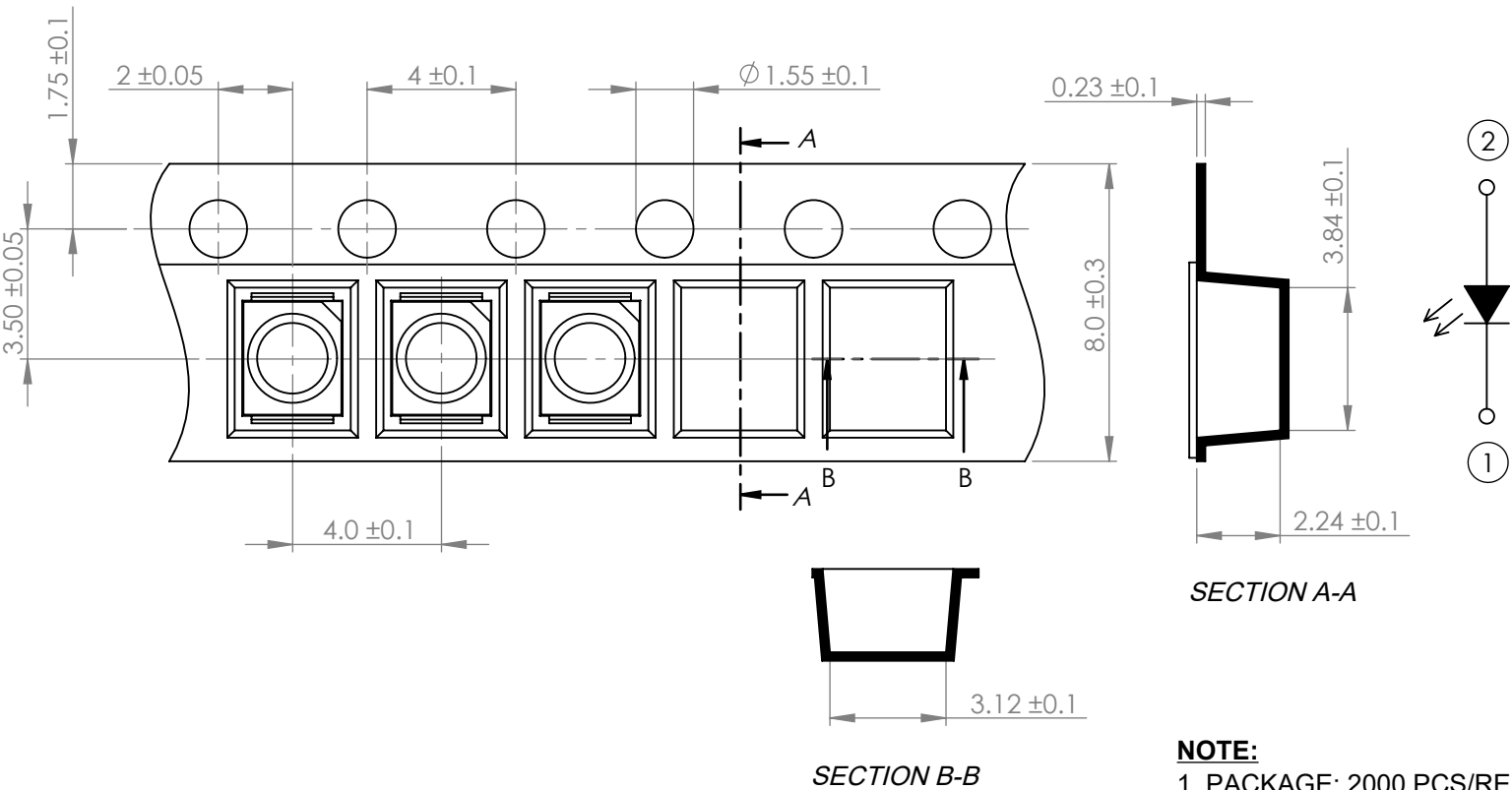
MOISTURE SENSITIVE DEVICE
PER JEDEC LEVEL 3 STANDARDS

*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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3.1(L)*2.7(W)*1.9(H)mm, SML/W REFLECTOR, 590 YELLOW LED, WATER CLEAR LENS, TAPE & REEL.

****THE SPECIFICATIONS MAY CHANGE AT ANY TIME WITHOUT NOTICE.****

CONFIDENTIAL INFORMATION

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DATE : 2020.04.30	DRAWN BY : E.C.
PAGE : 2 OF 2	CHKD BY : E.C.
SCALE : NTF	APRVD BY : G.Y.
UNIT : mm [INCH]	Ⓢ