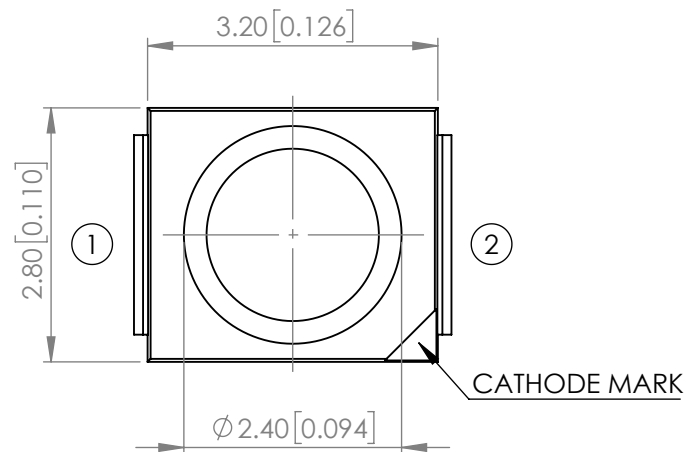
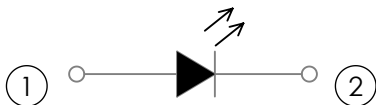


PART NUMBER		SML-LX2832SYC-TR	REV	F
REV	E.C.N NUMBER AND REVISION COMMENTS		DATE	
A	E.C.N. #11627		03.14.03	
B	E.C.N. #11148		02.08.05	
C	E.C.N. #11450		10.18.07	
D	E.C.N. #11627		05.06.10	
E	ECN-Lumex202100006		02.08.21	
F	ECN-Lumex202400010		03.29.24	

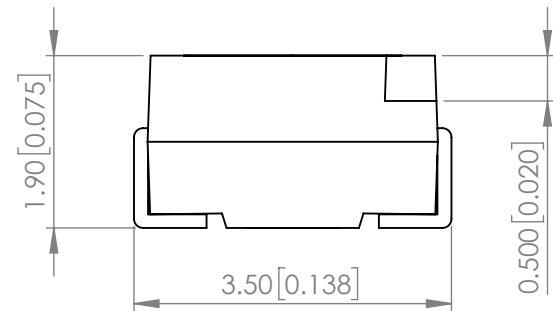


POLARITY

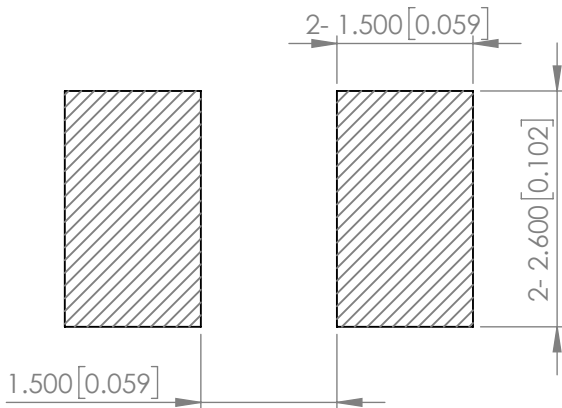
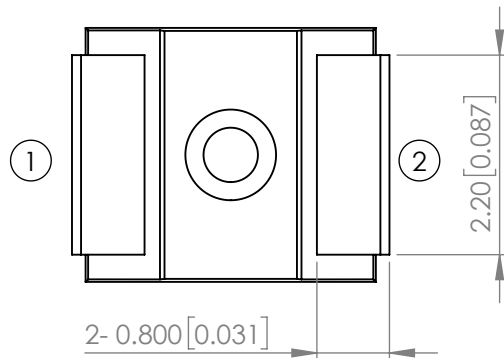


ELECTRO-OPTICAL CHARACTERISTIC TA=25°C

PARAMETER	MIN	TYP	MAX	UNITS	TEST COND
PEAK WAVELENGTH	-	590	-	nm	If=20mA
FORWARD VOLTAGE	-	2.0	2.8	Vf	If=20mA
REVERSE CURRENT	-	-	10	uA	VR=5V
LUMINOUS INTENSITY	-	200	-	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*	60	mA
FORWARD CURRENT	25	mA
REVERSE VOLTAGE	5	V
POWER DISSIPATION	80	mW
STORAGE TEMPERATURE	-40 TO +90	°C
OPERATING TEMPERATURE	-40 TO +85	°C

*Duty 1/10 @1KHz

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}

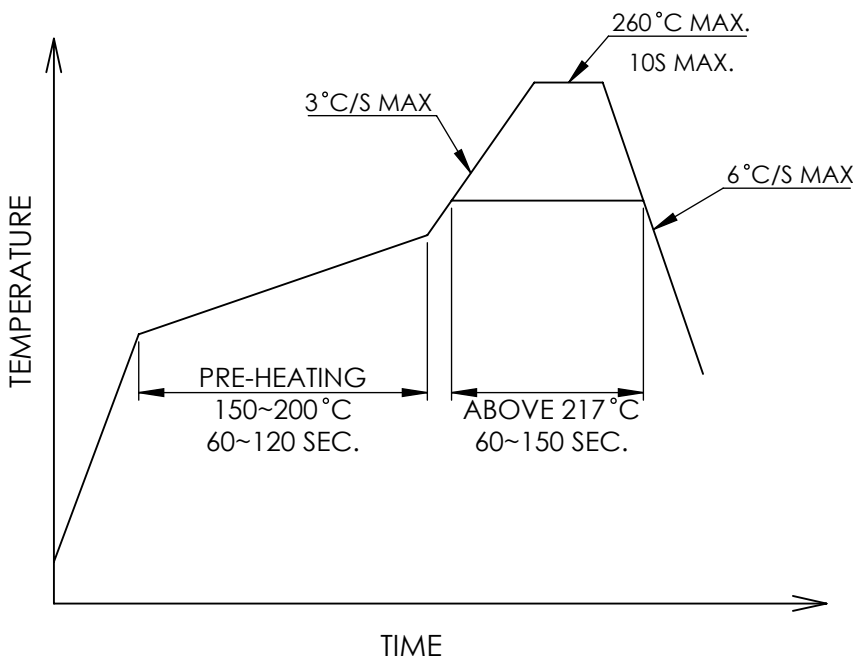
3.2(L)*2.8(W)*1.9(H), 590 YELLOW LED, WATER CLEAR LENS, TAPE & REEL.

THE SPECIFICATIONS MAY CHANGE AT ANY TIME WITHOUT NOTICE.

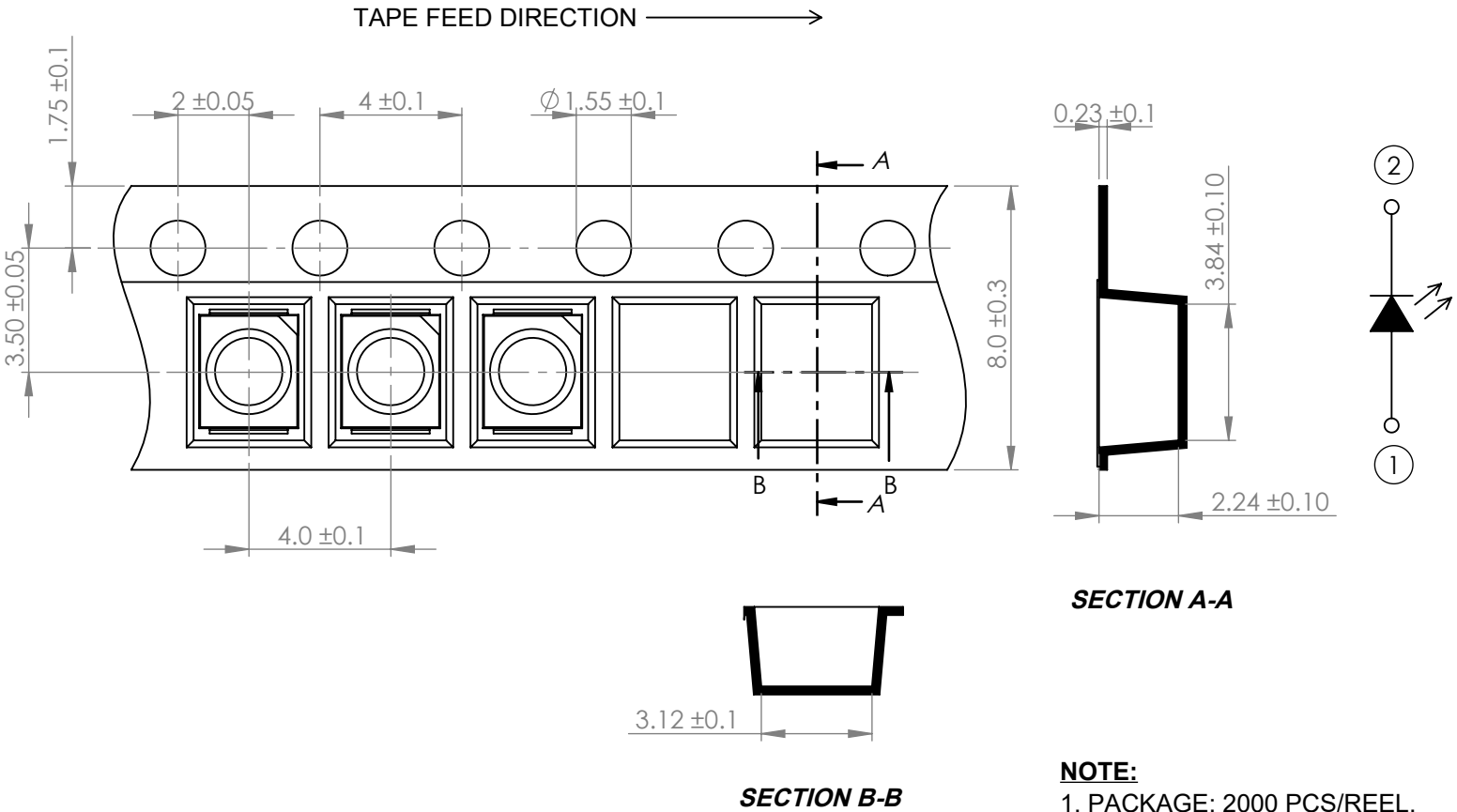
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PROFILE



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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FAX : 630-315-2150
WEB : WWW.LUMEX.COM

3.2(L)*2.8(W)*1.9(H), 590 YELLOW LED, WATER CLEAR LENS, TAPE & REEL.

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DATE : 2021.02.08

DRAWN BY : E.C.

PAGE : 2 OF 2

CHKD BY : T.S.

SCALE : NTF

APRVD BY : G.Y.

UNIT : mm [INCH]

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