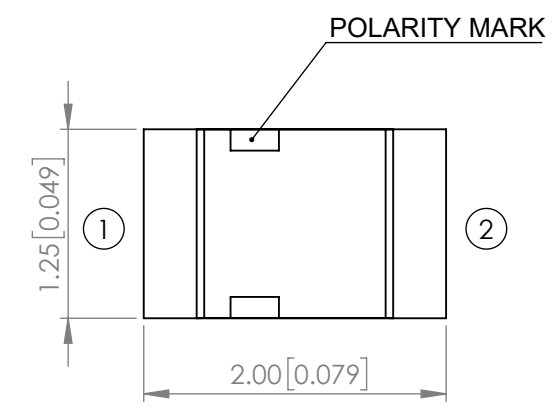
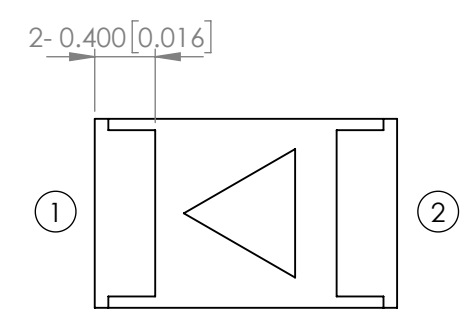
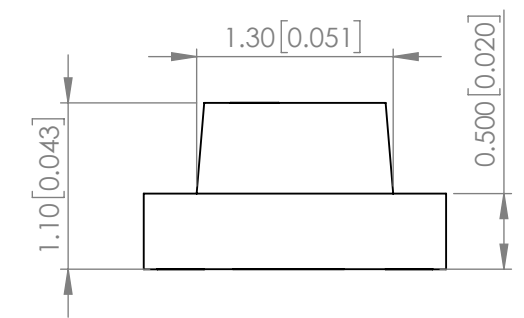
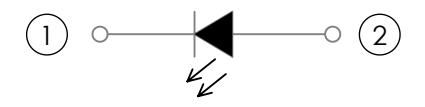


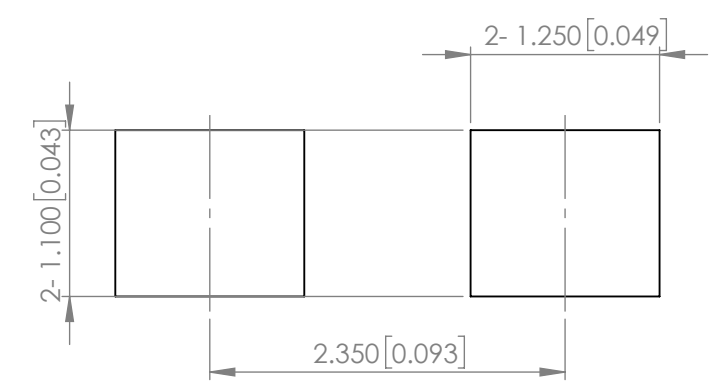
PART NUMBER	SML-LXF0805SUGC-TR	REV	E
REV	E.C.N. NUMBER AND REVISION COMMENTS	DATE	
A	E.C.N #10967.	03.14.03	
B	E.C.N #11148.	07.09.04	
C	E.C.N #11165.	09.03.04	
D	E.C.N #11148.	02.14.05	
E	ECN-Lumex202500038	07.07.25	



POLARITY



RECOMMENDED SOLDER PAD LAYOUT



ELECTRO-OPTICAL CHARACTERISTIC TA=25°C

PARAMETER	MIN	TYP	MAX	UNITS	TEST COND
PEAK WAVELENGTH	-	575	-	nm	If=20mA
FORWARD VOLTAGE	-	2.1	2.5	Vf	If=20mA
REVERSE CURRENT	-	-	10	uA	Vr=5V
LUMINOUS INTENSITY	-	60	-	mcd	If=20mA
VIEWING ANGLE	-	140	-	2x theta1/2	-
EMITTED COLOR	GREEN				
EPOXY LENS FINISH	WATER CLEAR				

ABSOLUTE MAXIMUM RATINGS TA=25°C

PARAMETER	MAX	UNITS
PEAK FORWARD CURRENT*	150	mA
FORWARD CURRENT	30	mA
REVERSE VOLTAGE	5	V
POWER DISSIPATION	75	mW
STORAGE TEMPERATURE	-40 TO +85	°C
OPERATING TEMPERATURE	-40 TO +85	°C

*1/10 Duty Cycle, 0.1ms Pulse Width.

MOISTURE SENSITIVE DEVICE
PER JEDEC LEVEL 3 STANDARDS

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}



425 N. GARY AVE.
CAROL STREAM, IL 60188
PHONE : 800-278-5666
FAX : 630-315-2150
WEB : WWW.LUMEX.COM

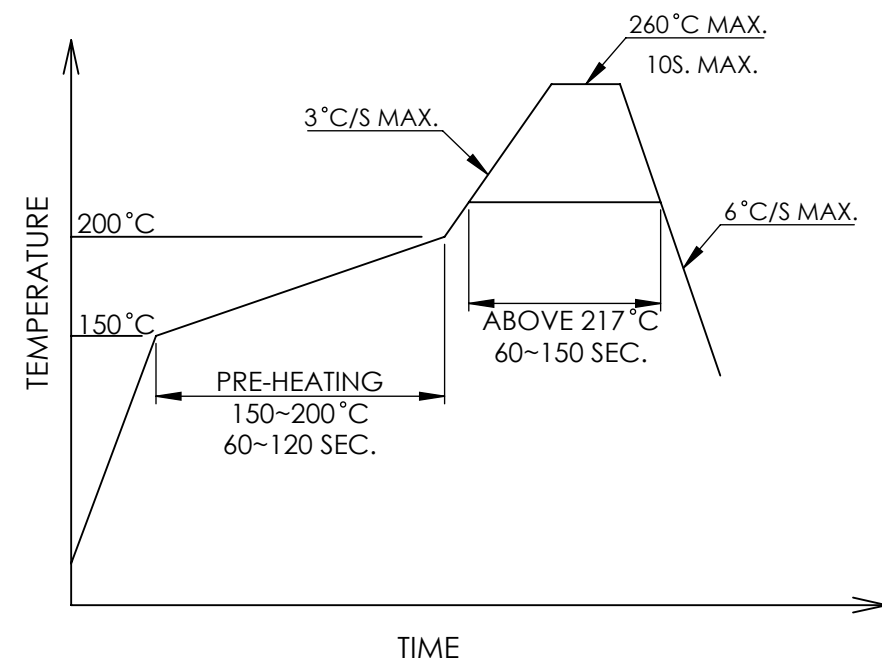
2(L)*1.25(W)*1.10(H)mm, SURFACE MOUNT TOP VIEW LED, 575nm GREEN, WATER CLEAR LENS, TAPE & REEL.

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

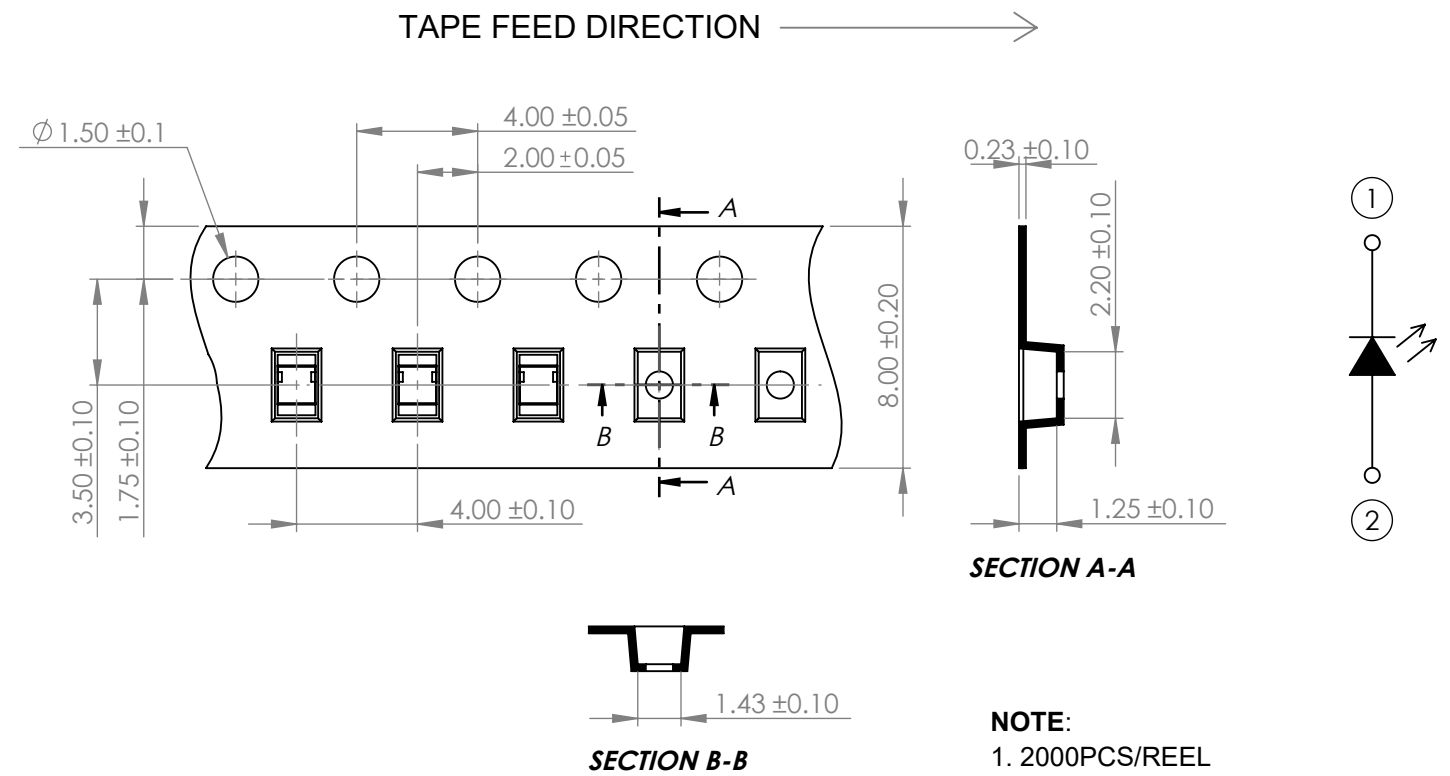
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DATE : 2025.07.07	DRAWN BY : E.C.
PAGE : 1 OF 2	CHKD BY : T.S.
SCALE : NTF	APRVD BY : G.Y.
UNIT : mm [INCH]	(Pb)

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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2(L)*1.25(W)*1.10(H)mm, SURFACE MOUNT TOP VIEW LED, 575nm GREEN, WATER CLEAR LENS, TAPE & REEL.

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