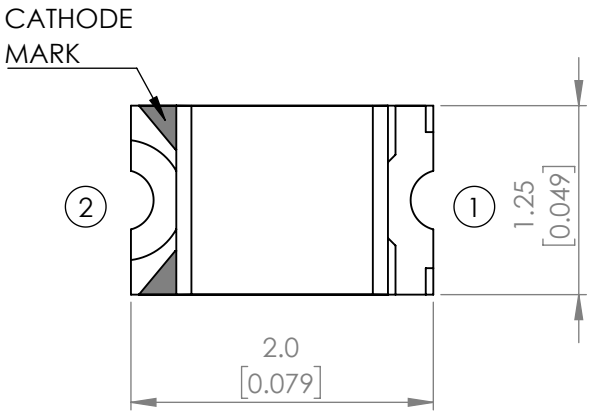
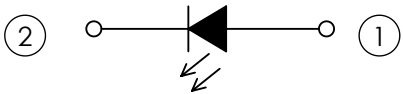


PART NUMBER		SML-LX0805UPGC-TR	REV	F
REV	E.C.N. NUMBER AND REVISION COMMENTS		DATE	
A	E.C.N #10862.		05.09.02	
B	E.C.N #10967.		03.14.03	
C	E.C.N #11248.		08.09.05	
D	E.C.N #10BRDR. & REDRAWN / #11731.		06.20.11	
E	ECN-Lumex201700068		09.11.17	
F	ECN-Lumex202100004		02.05.21	

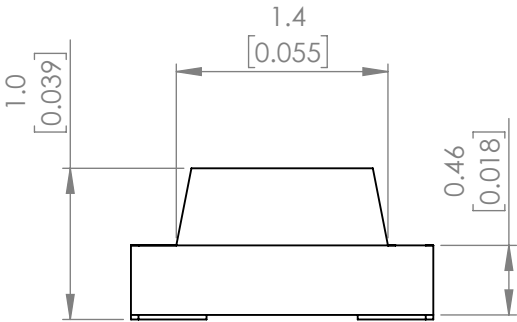


POLARITY

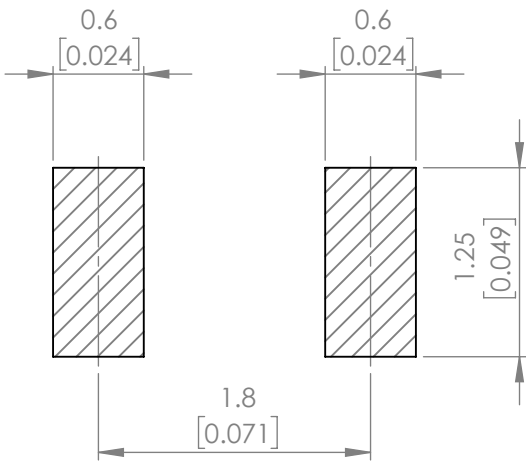


ELECTRO-OPTICAL CHARACTERISTIC TA=25°C

PARAMETER	MIN	TYP	MAX	UNITS	TEST COND
PEAK WAVELENGTH	-	518	-	nm	If=20mA
FORWARD VOLTAGE	-	3.3	3.7	Vf	If=20mA
REVERSE CURRENT	-	-	50	uA	Vr=5V
LUMINOUS INTENSITY	-	225	-	mcd	If=20mA
VIEWING ANGLE	-	140	-	2x theta1/2	-
EMITTED COLOR	GREEN				
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	25	mA
REVERSE VOLTAGE	5	V
POWER DISIPATION	95	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}



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(H)mm, SURFACE MOUNT TOP VIEW LED 518nm, InGaN GREEN, WATER CLEAR LENS, TAPE & REEL

THE SPECIFICATIONS MAY CHANGE AT ANY TIME WITHOUT NOTICE.

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PAGE : 1 OF 2

CHKD BY : G.Y.

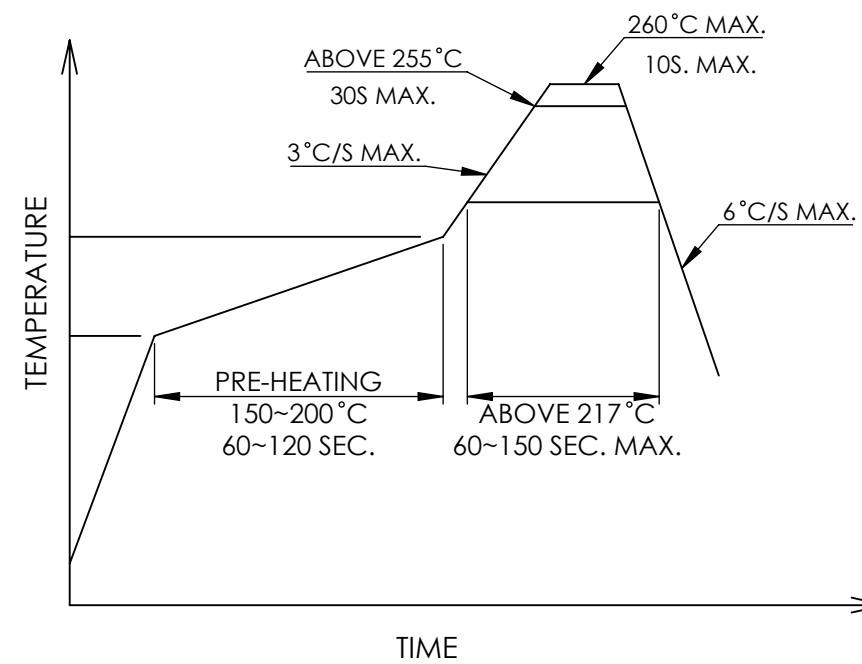
SCALE : NTF

APRVD BY : E.C.

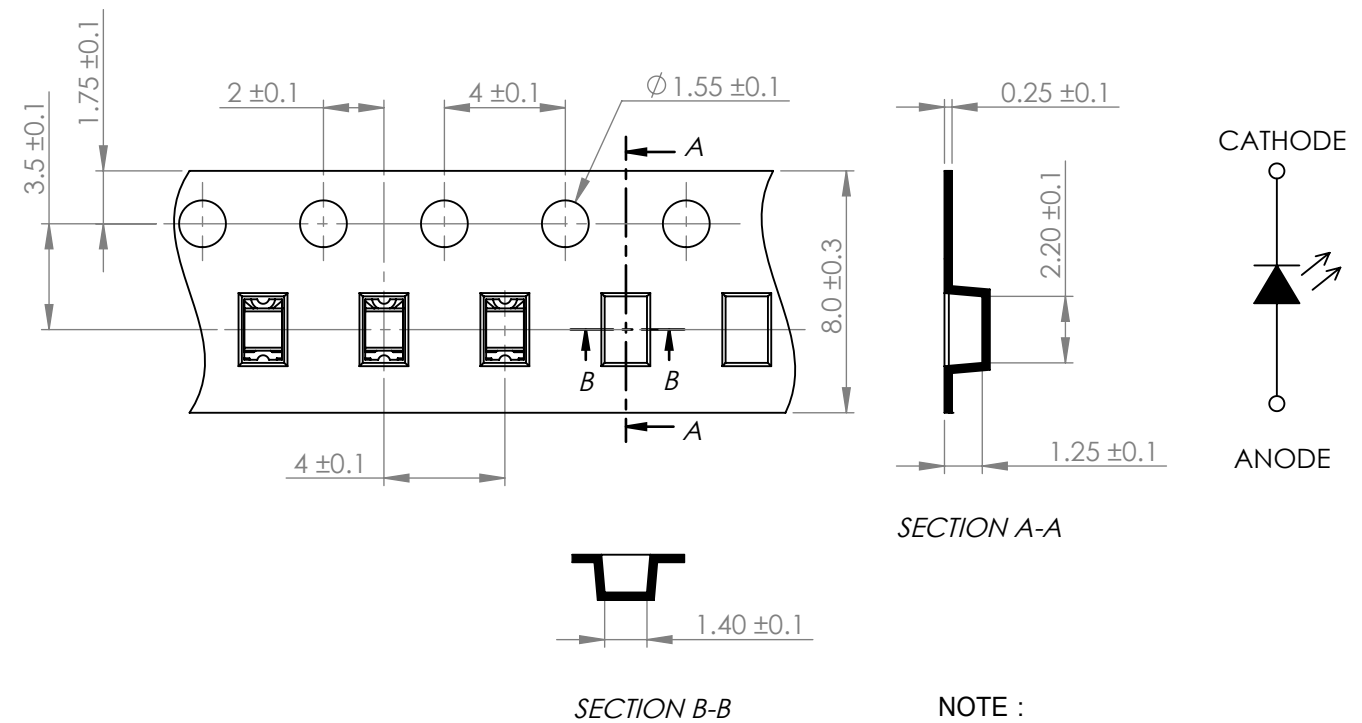
UNIT : mm [INCH]

Ⓢ

PROFILE



CARRIER TAPE DIMENSION



NOTE :
1. 3000 pcs/reel

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PAGE : 2 OF 2

CHKD BY : G.Y.

SCALE : NTF

APRVD BY : E.C.

UNIT : mm [INCH]

Mouser Electronics

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