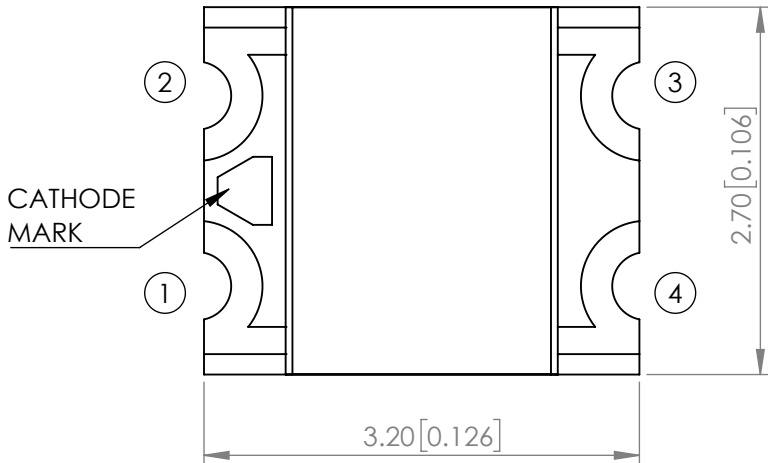
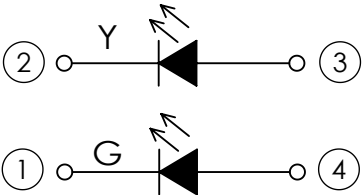


PART NUMBER		SML-LX1210YGC-TR	REV	J
REV	E.C.N. NUMBER AND REVISION COMMENTS		DATE	
A	ADDED TAPE W/POLARITY AND DIRECTION		11.06.95	
B	E.C.N. #10324.		03.17.97	
C	E.C.N. #10404. & #10BRDR & REDRAWN.		05.22.98	
D	E.C.N. #10695.		01.04.01	
E	E.C.N. #10834.		01.24.02	
F	E.C.N. #10972.		03.25.03	
G	E.C.N. #11014.		07.11.03	
H	E.C.N. #11148.		02.07.05	
I	E.C.N. #11479.		02.22.08	
J	ECN-Lumex202100077		12.23.21	



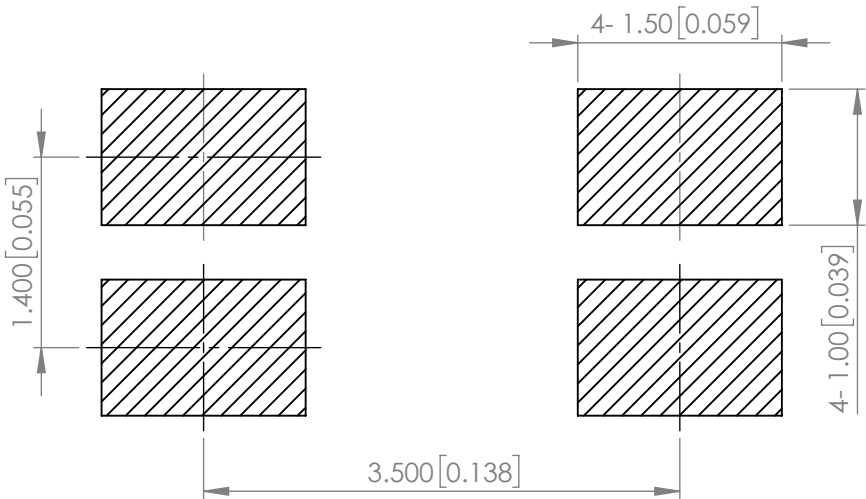
POLARITY



ELECTRO-OPTICAL CHARACTERISTIC TA=25°C

PARAMETER		MIN	TYP	MAX	UNITS	TEST COND
PEAK WAVELENGTH	Y	-	590	-	nm	If=20mA
	G	-	575	-		
FORWARD VOLTAGE	Y	-	2.0	2.4	Vf	If=20mA
	G	-	2.0	2.4		
REVERSE CURRENT		-	-	10	uA	VR=5V
LUMINOUS INTENSITY	Y	-	40	-	mcd	If=20mA
	G	-	15	-		
VIEWING ANGLE		-	140	-	2x theta1/2	-
EMITTED COLOR		YELLOW / GREEN				
EPOXY LENS FINISH		WATER CLEAR				

RECOMMENDED SOLDER PAD LAYOUT



ABSOLUTE MAXIMUM RATINGS TA=25°C

PARAMETER	MAX	UNITS
PEAK FORWARD CURRENT (Y/G)	60 / 60	mA
FORWARD CURRENT (Y/G)	25 / 25	mA
REVERSE VOLTAGE	5	V
POWER DISSIPATION (Y/G)	60 / 60	mW
STORAGE TEMPERATURE	-40 TO +90	°C
OPERATING TEMPERATURE	-40 TO +85	°C

* 1/10 DUTY CYCLE 0.1ms PULSE.

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

3.2(L)*2.7(W)*1.0(H)mm, PCB SURFACE MOUNT TOP VIEW LED, 590nm YELLOW, 575nm GREEN, WATER CLEAR LENS, TAPE & REEL.

THE SPECIFICATIONS MAY CHANGE AT ANY TIME WITHOUT NOTICE.

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DATE : 2021.12.23

DRAWN BY : C.C.

PAGE : 1 OF 2

CHKD BY : E.C.

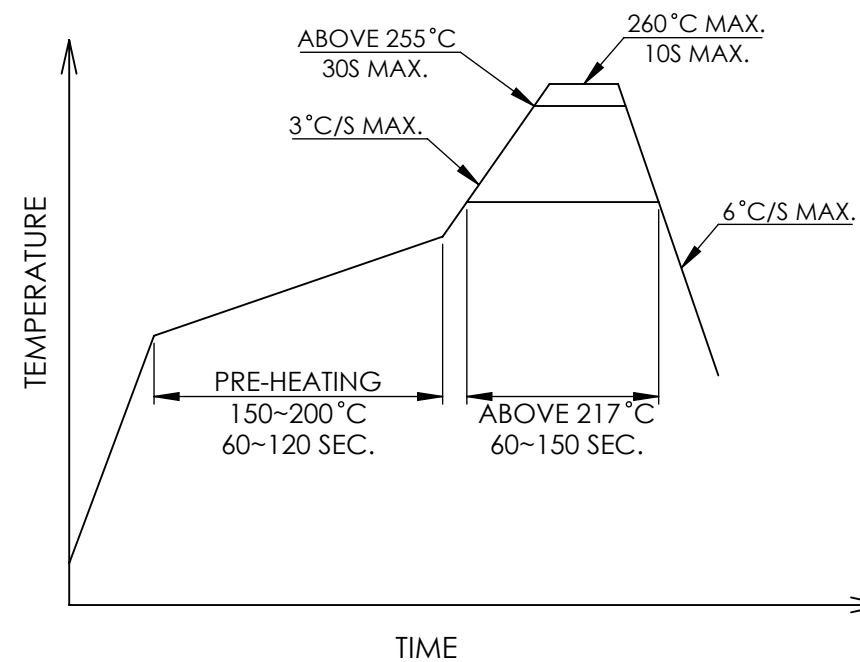
SCALE : NTF

APRVD BY : G.Y.

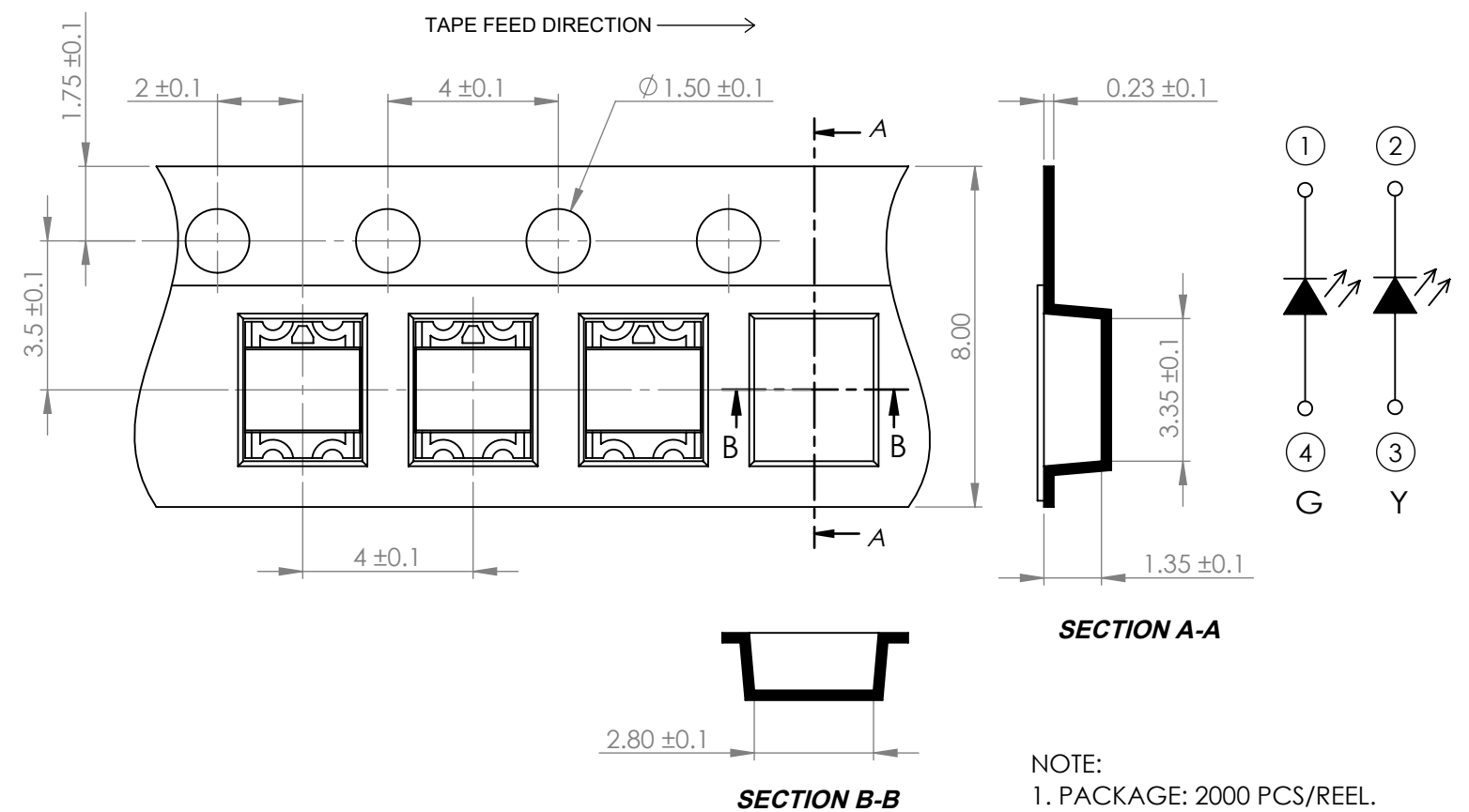
UNIT : mm [INCH]

Ⓢ

PROFILE



CARRIER TAPE DIMENSION



NOTE:
1. PACKAGE: 2000 PCS/REEL.

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UNIT : mm [INCH]

