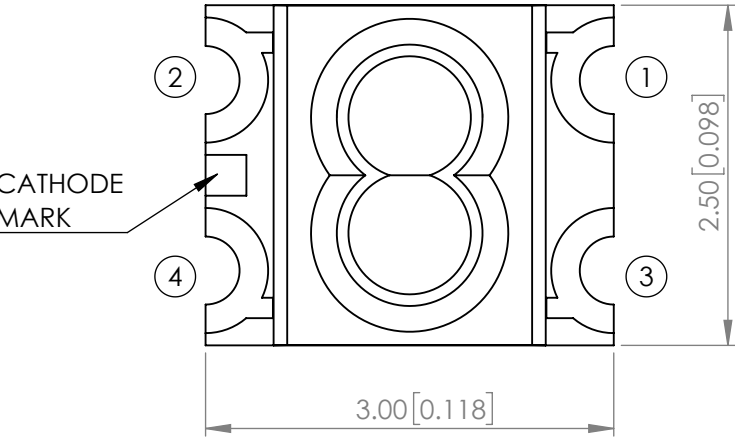
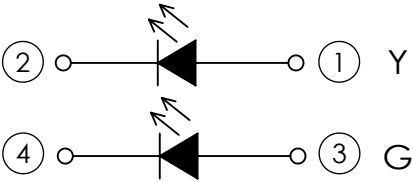


PART NUMBER		SML-LXL1210SYSUGC	REV	D
REV	E.C.N. NUMBER AND REVISION COMMENTS		DATE	
A	E.C.N. #11148.		03.23.05	
B	E.C.N. #11508.		05.28.10	
C	E.C.N. #11745.		08.19.11	
D	ECN-Lumex201800161		10.22.18	



POLARITY



ELECTRO-OPTICAL CHARACTERISTIC TA=25°C

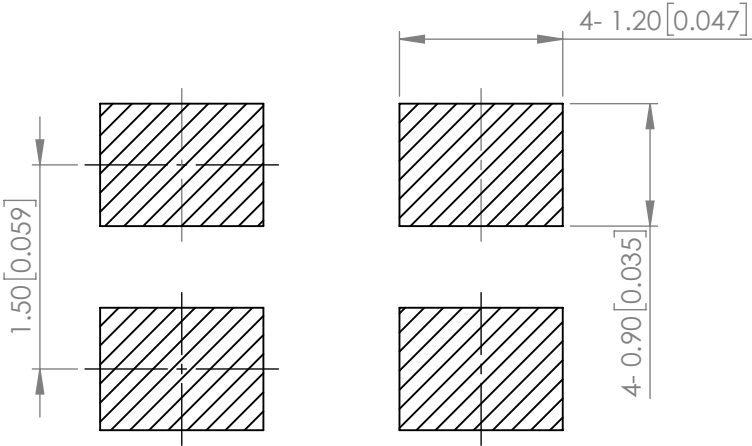
PARAMETER		MIN	TYP	MAX	UNITS	TEST COND
PEAK WAVELENGTH	Y	-	590	-	nm	If=20mA
	G	-	574	-		
FORWARD VOLTAGE	Y	-	2.0	2.4	Vf	If=20mA
	G	-	2.0	2.4		
REVERSE CURRENT		-	-	10	uA	VR=5V
LUMINOUS INTENSITY	Y	-	51	-	mcd	If=20mA
	G	-	21	-		
VIEWING ANGLE		-	60	-	2x theta1/2	-
EMITTED COLOR	YELLOW / GREEN					
EPOXY LENS FINISH	WATER CLEAR					

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
SOLDERING TEMPERATURE	3 SEC. MAX @ 260	°C

*t<10us

RECOMMENDED SOLDER PAD LAYOUT



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

3.0(L)*2.5(W)*1.5(H)mm, PCB SURFACE MOUNT TOP VIEW LED, AlGaInP 590nm YELLOW, AlGaInP 574nm GREEN, WATER CLEAR LENS, TAPE & REEL.

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

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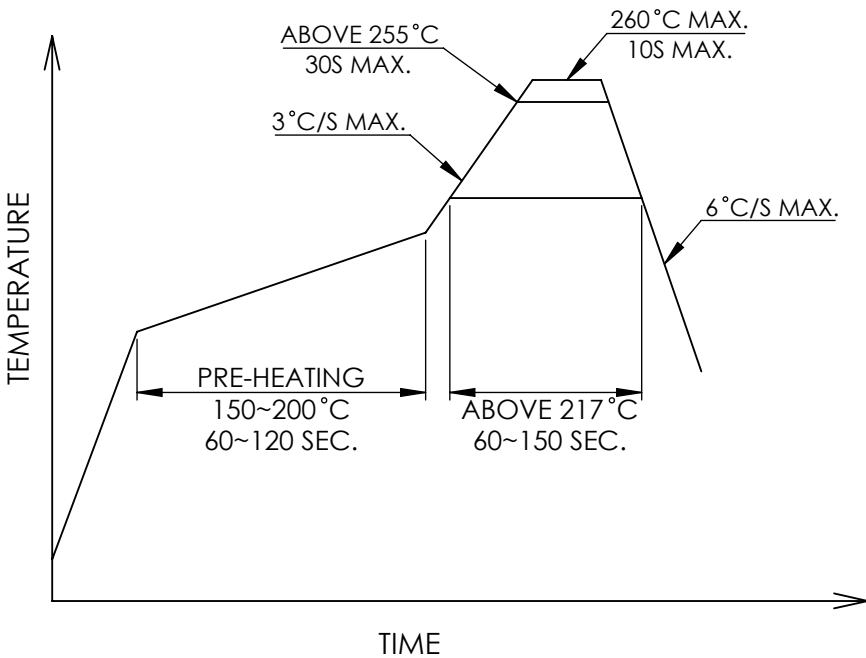
DATE : 2018.10.22
DRAWN BY : C.C.

PAGE : 1 OF 2
CHKD BY : E.C.

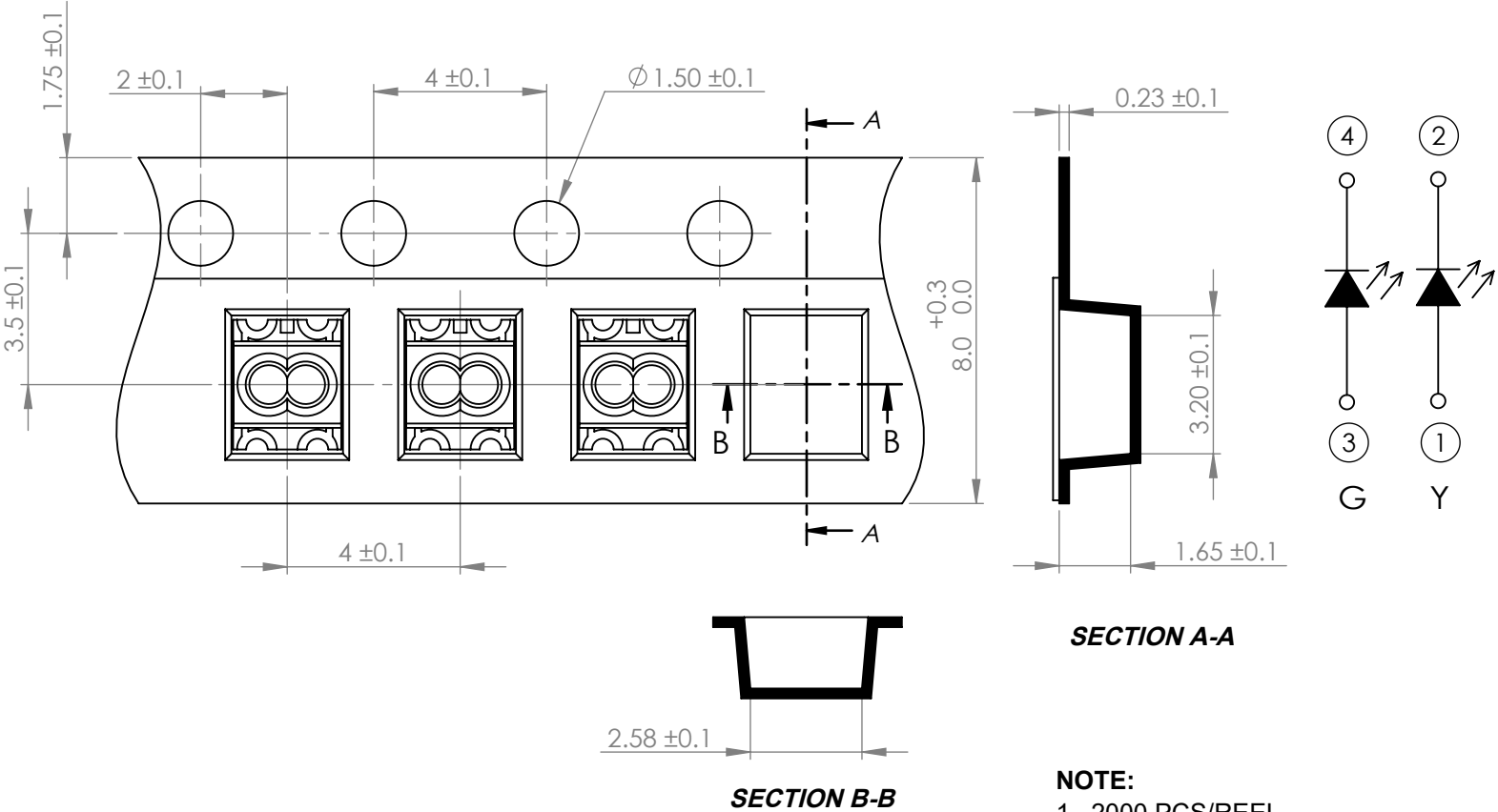
SCALE : NTF
APRVD BY : G.Y.

UNIT : mm [INCH]

PROFILE



CARRIER TAPE DIMENSION



*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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DATE : 2018.10.22

PAGE : 2 OF 2

SCALE : NTF

UNIT : mm [INCH]

DRAWN BY : C.C.

CHKD BY : E.C.

APRVD BY : G.Y.

Ⓢ

Mouser Electronics

Authorized Distributor

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