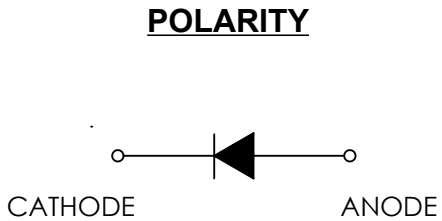
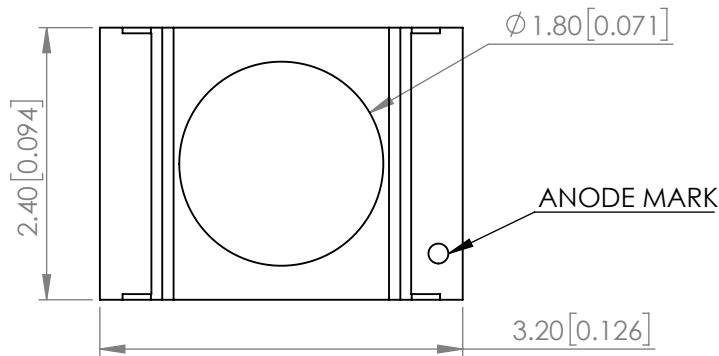
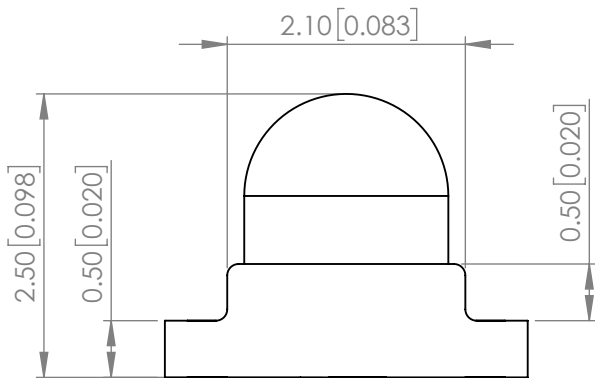


PART NUMBER		SML-LXL1209SYC/ATR	REV	C
REV	E.C.N. NUMBER AND REVISION COMMENTS			DATE
A	E.C.N. #11864			06.14.13
B	E.C.N. #11984			01.26.16
C	ECN-Lumex201700015			17.05.17

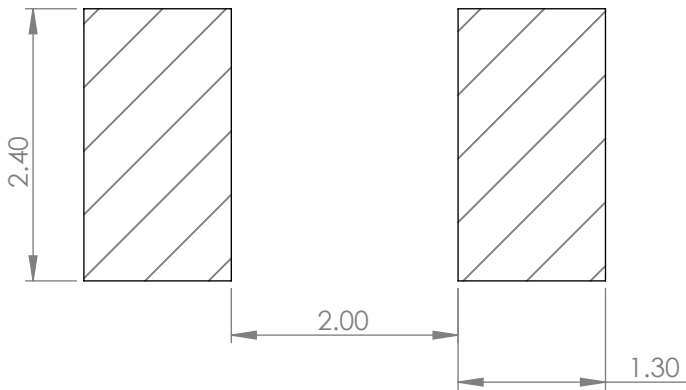


ELECTRO-OPTICAL CHARACTERISTIC TA=25°C

PARAMETER	MIN	TYP	MAX	UNITS	TEST COND
PEAK WAELENGHT	-	595	-	nm	If=20mA
FORWARD VOLTAGE	1.7	2.0	2.5	Vf	If=20mA
REVERSE VOLTAGE	-	-	5.0	Vr	Ir=10uA
LUMINOUS INTENSITY	5200	8500	14200	mcd	If=20mA
VIEWING ANGLE	-	15	-	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*	125	mA
FORWARD CURRENT	30	mA
POWER DISIPATION	70	mW
STORAGE TEMPERATURE	-40 TO +85	°C
OPERATING TEMPERATURE	-40 TO +85	°C

*t<10us

CAUTION : 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)*2.4(W)*2.5(H)mm, SURFACE MOUNT LED, 595 SUPER YELLOW LED, WATER CLEAR LENS, TAPE & REEL

****THE SPECIFICATIONS MAY CHANGE AT ANY TIME WITHOUT NOTICE DUE TO NEW MATERIALS OR PRODUCT IMPROVEMENT.****

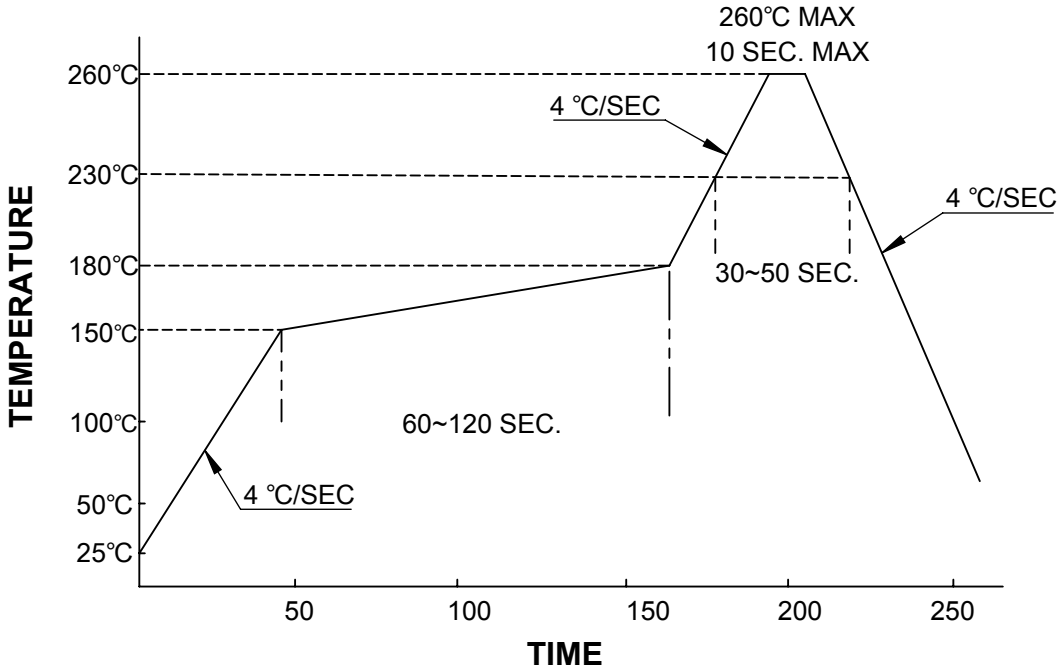
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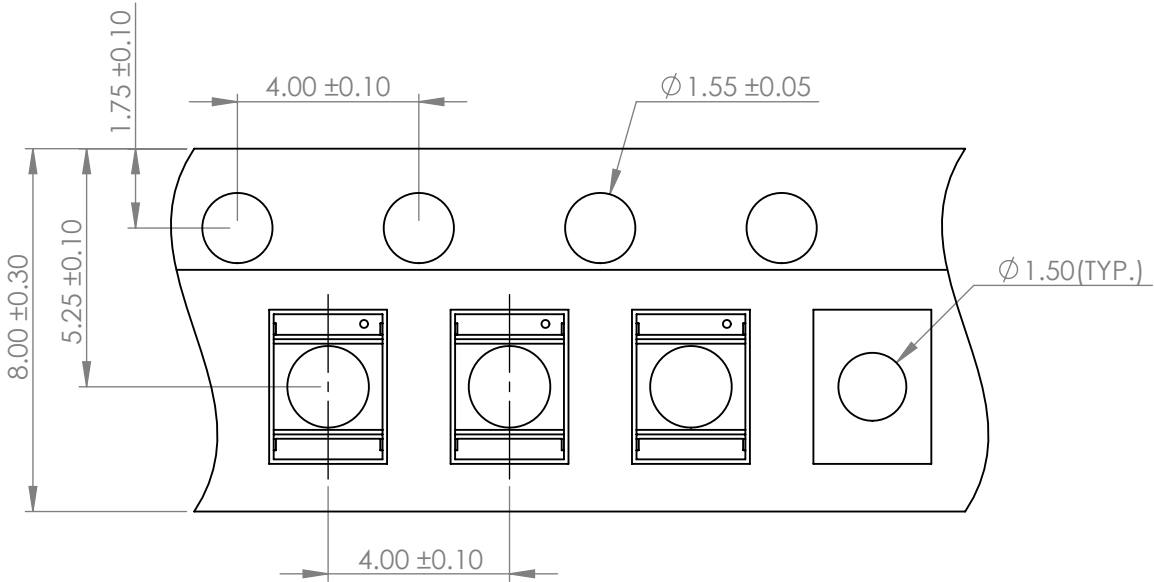
DATE : 2017.05.17	DRAWN BY : E.C.
PAGE : 1 OF 3	CHKD BY : G.Y.
SCALE : NTF	APRVD BY : R.C.
UNIT : mm [INCH]	

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PROFILE



CARRIER TAPE DIMENSION



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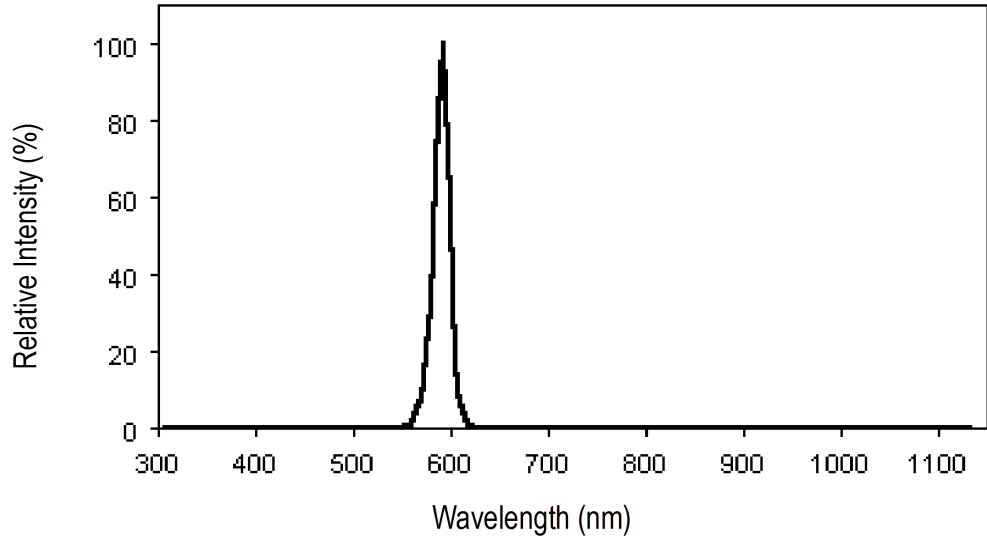
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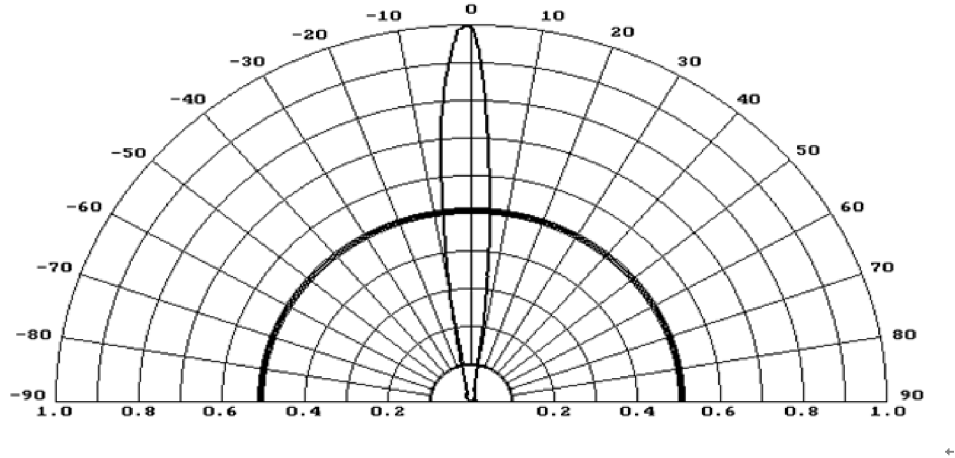
DATE : 2017.05.17	DRAWN BY : E.C.
PAGE : 2 OF 3	CHKD BY : G.Y.
SCALE : NTF	APRVD BY : R.C.
UNIT : mm [INCH]	(Pb)

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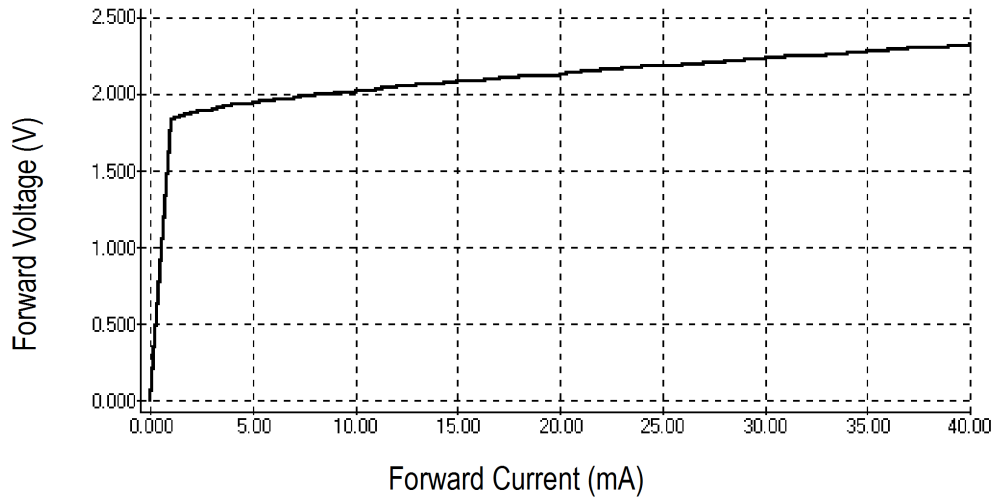
RELATIVE INTENSITY VS WAVELENGTH



DRECTIVE CHARACTERISTICS



FORWARD VOLTAGE VS FORWARD CURRENT



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