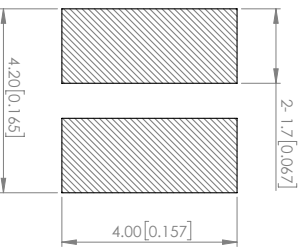
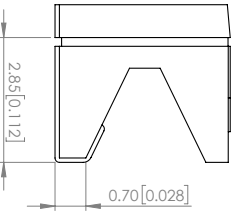
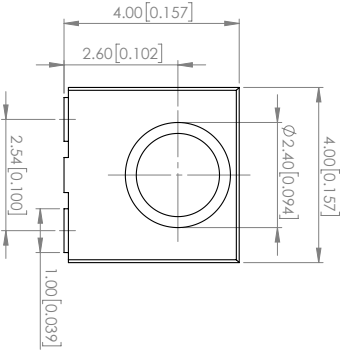
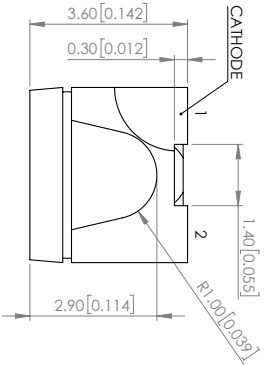


PART NUMBER	SIML-LXR44GC-TR	REV	B
REV	E.C.N. NUMBER AND REVISION COMMENTS	DATE	
A	E.C.N. #10849	04.01.02	
B	E.C.N. Lumex201700094	10.24.17	



POLARITY

ELECTRO-OPTICAL CHARACTERISTIC TA=25°C					
PARAMETER	MIN	TYP	MAX	UNITS	TEST COND
PEAK WAVELENGTH	-	565	-	nm	If=20mA
FORWARD VOLTAGE	-	2.2	2.5	Vf	If=20mA
REVERSE VOLTAGE	-	-	10	VA	Vr=5V
LUMINOUS INTENSITY	-	30	-	mod	If=20mA
VIEWING ANGLE	-	120	-	2x theta 1/2	-
EMITTED COLOR	GREEN				
EPOXY LENS FINISH	WATER CLEAR				

ABSOLUTE MAXIMUM RATINGS TA=25°C

PARAMETER	MAX	UNITS
PEAK FORWARD CURRENT*	140	mA
FORWARD CURRENT	25	mA
REVERSE VOLTAGE	5	V
POWER DISSIPATION	62.5	mW
STORAGE TEMPERATURE	-40 TO +85	°C
OPERATING TEMPERATURE	-40 TO +85	°C
SOLDERING TEMPERATURE**	3 SEC. MAX @ 280	°C

*1<10us
**2.0mm FROM BODY.

NOTE:

1. RgHS COMPLIANT.
2. PACKAGE : 500 PCS / REEL

MOISTURE SENSITIVE DEVICE
PER JEDEC LEVEL 4 STANDARDS

UNLESS OTHERWISE SPECIFIED TOLERANCES PER DECIMAL PRECISION ARE X=±1 (40.039), X-K=±0.5 (40.020), X-XX=±0.25 (40.010), X-XXX=±0.127 (40.005), LEAD SIZE=±0.08 (40.002), LEAD LENGTH=±0.75 (40.030), MIN= ±0.25 (40.000), MAX= ±0.25 (40.000)

4(L)(V)(W)3.6(H)(mm) RIGHT ANGLE BOOMERANG SURFACE MOUNT LED 565nm GREEN LED WATER CLEAR LENS.

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

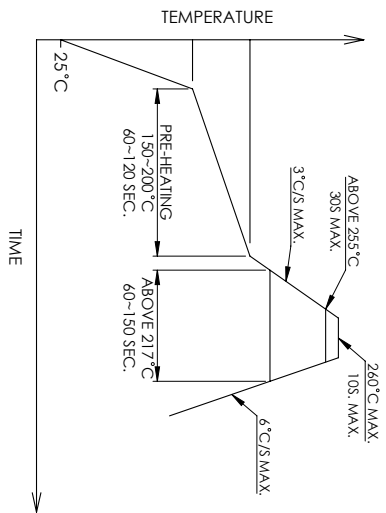
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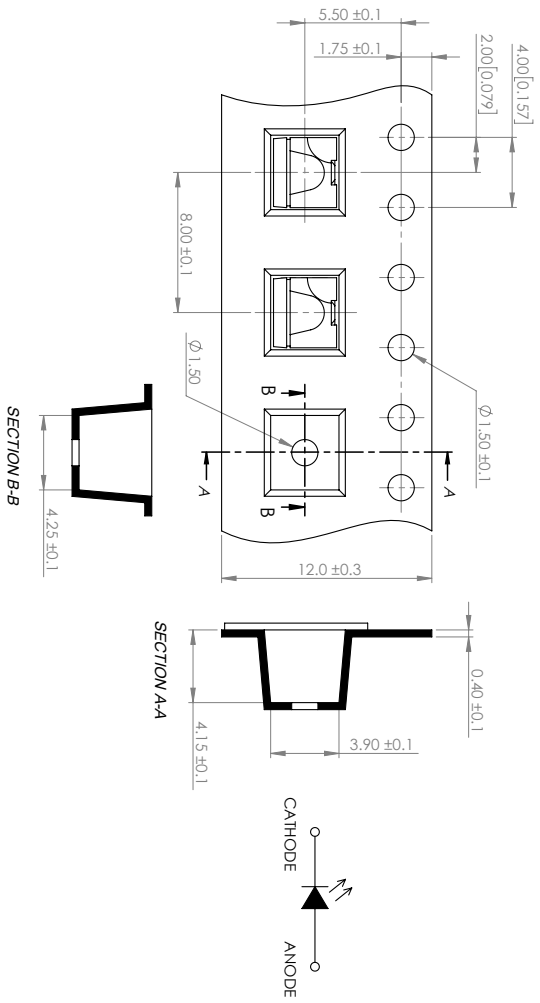
DATE : 2017-10-24
PAGE : 1 OF 2
SCALE : NTF
UNIT : mm (INCH)

DRAWN BY : CC.
CHKD BY : G.Y.
APPVD BY : E.C.

PROFILE



CARRIER TAPE DIMENSION



UNLESS OTHERWISE SPECIFIED TOLERANCES PER DECIMAL PRECISION ARE X±11 (40.039), X-X±10.5 (40.020), X-XX±10.25 (40.010), X-XXX±10.127 (40.005), LEAD SIZE=40.08 (40.002), LEAD LENGTH=40.75 (40.030), MIN= 0.25 (0.010), MAX= 0.25 (0.010)

<p>LUMEX Crediting LED and LCD Solutions Together™</p>	<p>425 N. GARY AVE CAROL STREAM, IL 60188 PHONE : 800-278-9868 FAX : 630-315-2150 WEB : WWW.LUMEX.COM</p>	<p>41(L)(W)3.6(H)mm; RIGHT ANGLE BOOMERANG SURFACE MOUNT LED 565nm GREEN LED WATER CLEAR LENS.</p>	<p>DATE : 2017.10.24</p>	<p>DRAWN BY : CC.</p>
	<p>THE INFORMATION CONTAINED IN THIS DOCUMENT IS THE PROPERTY OF LUMEX INC. EXCEPT AS SPECIFICALLY AUTHORIZED IN WRITING BY LUMEX INC. THE HOLDER OF THIS DOCUMENT SHALL KEEP ALL INFORMATION CONTAINED HEREBIN CONFIDENTIAL AND SHALL PROTECT SAME IN WHOLE OR IN PART FROM DISCLOSURE AND DISSEMINATION TO ALL THIRD PARTIES.</p>	<p>CONFIDENTIAL INFORMATION</p>	<p>PAGE : 2 OF 2</p>	<p>CHD BY : G.Y.</p>
		<p>UNIT : mm (INCH)</p>	<p>SCALE : NTF</p>	<p>ARRVD BY : E.C.</p>