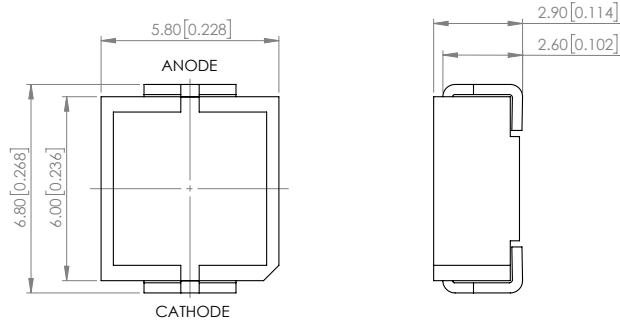
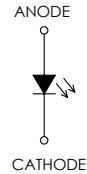


<b>PART NUMBER</b>		SML-LXIL2324SIC-TR	<b>REV</b>	C
<b>REV</b>	<b>E.C.N. NUMBER AND REVISION COMMENTS</b>		<b>DATE</b>	
A	E.C.N. #10BRDR. & REDRAWN.		10.03.13	
A	E.C.N. #11880.		10.03.13	
A	ECN-Lumex201700082		09.27.17	

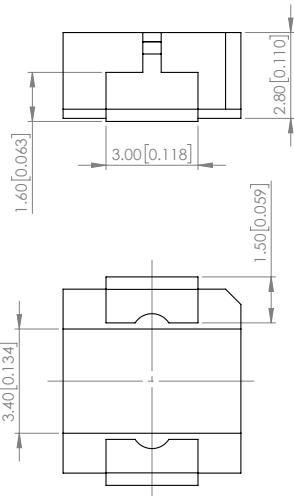


**POLARITY**

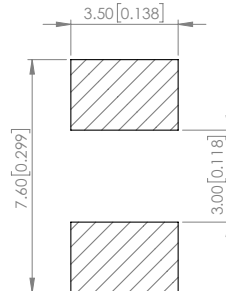


**ELECTRO-OPTICAL CHARACTERISTIC TA=25°C**

PARAMETER	MIN	TYP	MAX	UNITS	TEST COND
PEAK WAVELENGTH	-	625	-	nm	If=20mA
FORWARD VOLTAGE	-	2.0	2.4	Vf	If=20mA
REVERSE CURRENT	-	-	10	uA	VR=5V
LUMINOUS INTENSITY	-	45000	-	mcd	If=20mA
VIEWING ANGLE	-	12	-	2x theta1/2	-
EMITTED COLOR	RED				
EPOXY LENS FINISH	WATER CLEAR				



**RECOMMENDED SOLDER PAD LAYOUT**



**ABSOLUTE MAXIMUM RATINGS TA=25°C**

PARAMETER	MAX	UNITS
FORWARD CURRENT	60	mA
REVERSE VOLTAGE	5	V
POWER DISSIPATION	144	mW
STORAGE TEMPERATURE	-30 TO +85	°C
OPERATING TEMPERATURE	-30 TO +85	°C

MOISTURE SENSITIVE DEVICE  
PER JEDEC LEVEL 4 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=<sup>DECIMAL PRECISION</sup>/<sub>0.00</sub> MAX.=<sup>DECIMAL PRECISION</sup>/<sub>0.00</sub>



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CAROL STREAM, IL 60188  
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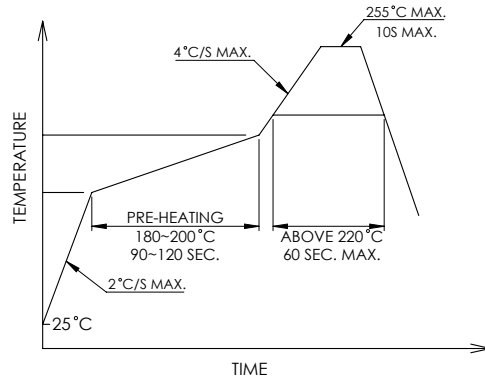
6.8(L)\*5.8(W)\*2.9(H)mm, NARROW BEAM 6mm SMT LED, 625nm RED LED, WATER CLEAR LENS, TAPE & REEL.

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

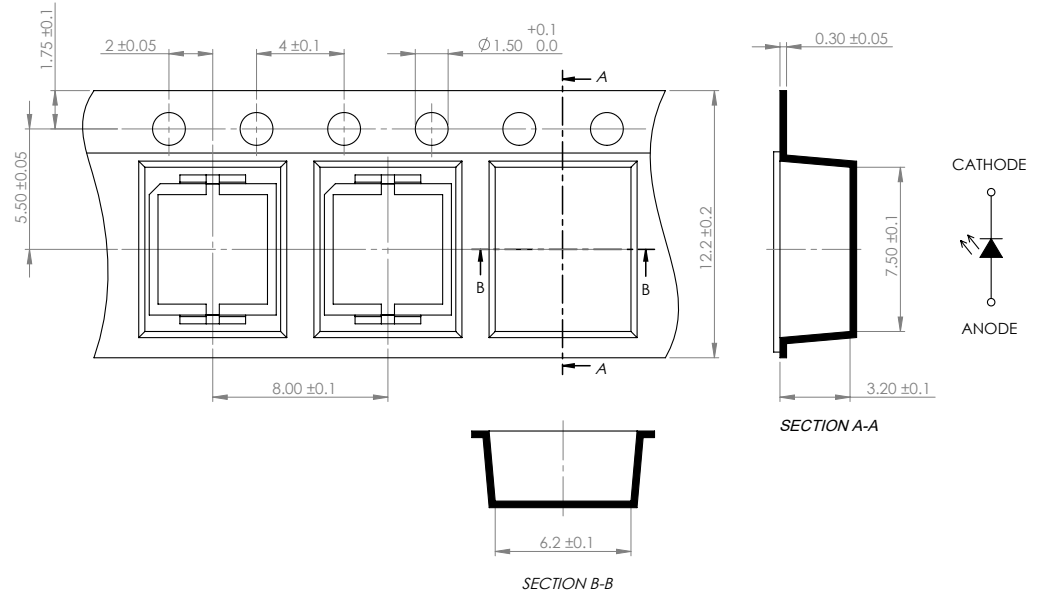
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PAGE : 1 OF 3	CHKD BY : G.Y.
SCALE : NTF	APRVD BY : E.C.
UNIT : mm [INCH]	Ⓢ

**PROFILE**



**CARRIER TAPE DIMENSION**



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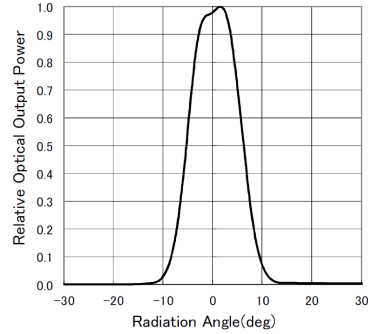
**LUMEX**  
 Creating LED and LCD Solutions Together™  
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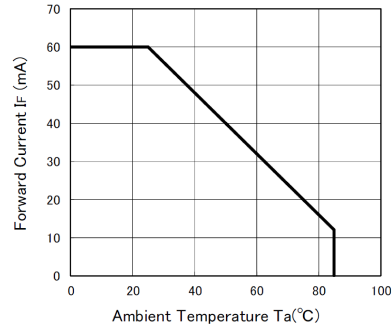
**DIRECTIVITY (TYPICAL)**

DIRECTIVITY

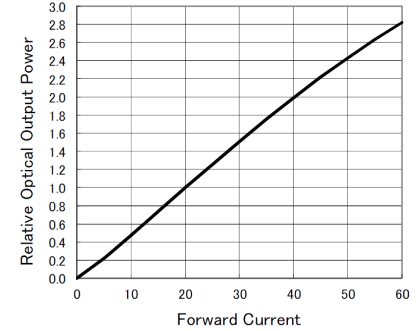


**CHARACTERISTICS (TYPICAL)**

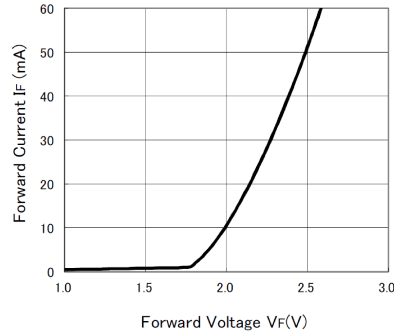
AMBIENT TEMPERATURE vs. FORWARD CURRENT



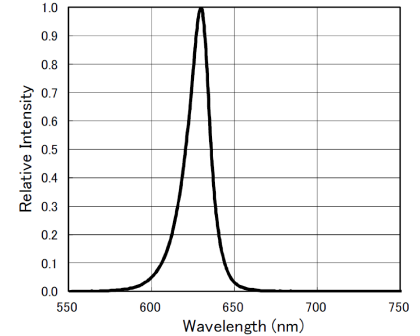
FORWARD CURRENT vs. RELATIVE OPTICAL OUTPUT POWER



FORWARD VOLTAGE vs. FORWARD CURRENT  
CONDITION : Ta=25°C



RELATIVE INTENSITY vs. WAVELENGTH  
CONDITION : Ta=25°C, IF=20mA



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