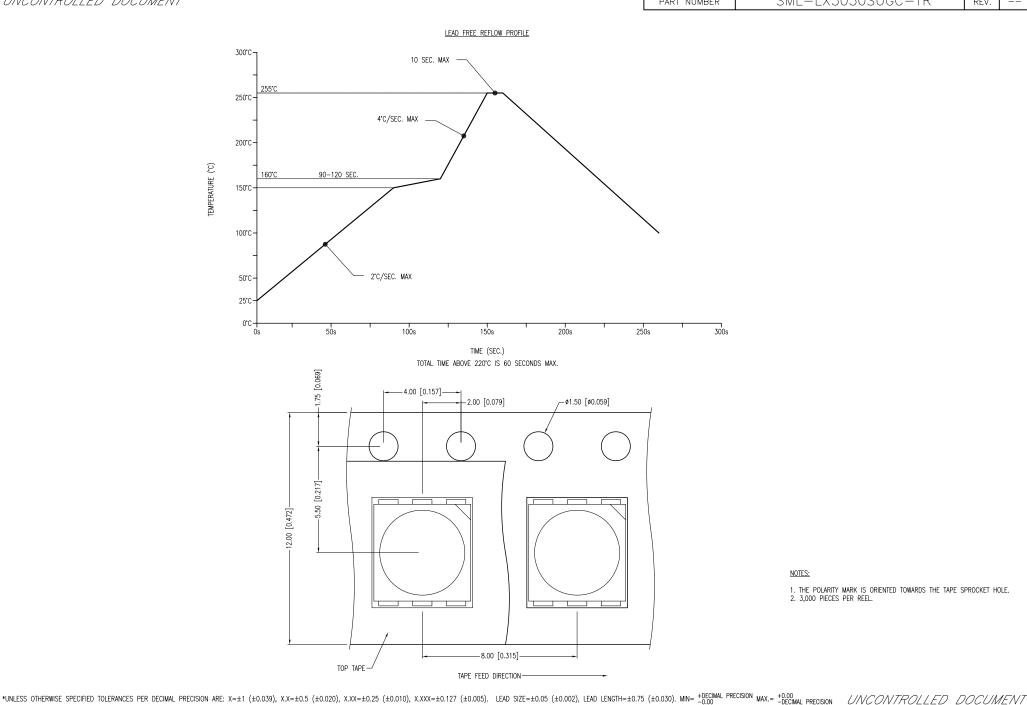
UNCONTROL.

NTROLLED DOCUMENT	PART NUMBER	SML-LX5050SUGC-TR	REV
		ELECTRO-OPTICAL CHARACTERISTICS To=25'C If=20mA PARAMETER MIN TYP MAX PEAK WAVELENGTH 574 FORWARD VOLTAGE 1.7 2.0 2.5 REVERSE VOLTAGE 5.0 AXAL INENSITY 80 160 VIEWING ANGLE 120 EMITED COLOR: GREEN EMITED COLOR: GREEN LENS FINISH: WATER CLEAR NOTE: VALUES ARE PER DIE. ILIMITS OF SAFE OPERATION AT 25'C PARAMETER MAX PEAK FORWARD CURRENT 30 POWER DISSIPATION 75 DERATE FROM 25C -1.2 OPERATING TEMP. -40 TO +85 STORAGE TEMP. -40 TO +85 STORAGE TEMP. -40 TO +85 NOTE: VALUES ARE PER DIE. EMIN STORAGE TEMP. -40 TO +85 STORAGE TEMP. -40 TO +85 STORAGE TEMP. -40 TO +85 STORAGE TEMP. -40 TO +85 STORAGE TEMP. -40 TO +85 VIELUS ARE PER DIE. EMIN EMIN EMIN EMIN STORAGE TEMP. -40 TO +85 * h<10µS	UNITS TEST COND nm Vf Vr Ir=10µA mcd If=20mA 2x theta UNITS MA mA mW mW/C C C C
RECOMMENDED SOLDER PAD LAYOUT			
$\begin{array}{c} & & & \\ & &$			

*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= $\frac{+0.00}{-0.00}$ MAX.= $\frac{+0.00}{-0.00}$

Creating LED and LCD Solutions Together [™]	5.0x5.0mm SML W/REFLECTOR, 574nm GREEN, WATER CLEAR, TAPE & REEL.		07.09.12	DRAWN BY:	AB
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		UNIT:	mm [INCH]	R	



DATE: 07.09.12 DRAWN BY: AB 5.0x5.0mm SML W/REFLECTOR, 574nm GREEN, WATER CLEAR, TAPE & REEL 290 E. HELEN ROAD PALATINE, IL 60067-6976 PAGE: 2 OF 2 CHKD BY: DT PHONE: +1.847.359.2790 **THE SPECIFICATIONS MAY CHANGE AT ANY TIME WITHOUT NOTICE DUE TO NEW MATERIALS OR PRODUCT IMPROVEMENT.** FAX: +1.847.359.6538 CONFIDENTIAL INFORMATION 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 SCALE: NTS APRVD BY: DT WEB: WWW.LUMEX.COM Creating LED and LCD Solutions Together" MEMBER OF ITW PHOTONICS GROUP KEEP ALL INFORMATION CONTAINED HEREIN CONFIDENTIAL AND SHALL PROTECT SAME IN WHOLE OR IN PART FROM DISCLOSURE AND DISSEMINATION TO ALL THIRD PARTIES. UNIT: mm [INCH] Rb

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