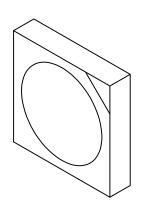
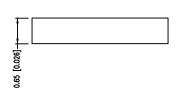
UNCONTROLLED DOCUMENT

PART NUMBER

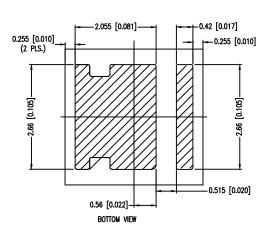
SML-LX3535UPGCTR1

REV.





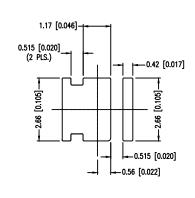
## RECOMMENDED SOLDER PAD LAYOUT



Creating LES and LCD Sofutions Together\*

PHONE: 800-278-5666

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ELECTRO-OPTICAL CHARACTERISTICS Tg=25°C If=350mA PARAMETER MIN MAX UNITS TEST COND PEAK WAVELENGTH 525 FORWARD VOLTAGE 3.3 3.5 If=350mA 2.6 ۷f REVERSE VOLTAGE 5.0 Ir=85mA ۷r AXIAL INTENSITY 14 17 lm If=350mA VIEWING ANGLE 110 2x theta EMITTED COLOR: GREEN WATER CLEAR LENS FINISH:

LIMITS OF SAFE OPERATION AT 25°C

PARAMETER	MAX	UNITS
PEAK FORWARD CURRENT*	400	mA
STEADY CURRENT	350	mA
LED JUNCTION TEMP.	115	<b>°</b> C
DERATE FROM 25°C	-1.2	m₩/*C
OPERATING TEMP.	-40 TO +85	<b>°</b> C
STORAGE TEMP.	-40 TO +100	<b>°</b> C
A 1 440 O		

\* t<10µS

CAUTION: STATIC SENSITIVE DEVICE FOLLOW PROPER E.S.D. HANDLING PROCEDURES WHEN WORKING WITH THIS PART.

CAUTION: MOISTURE SENSITIVE DEVICE
PER JEDEC LEVEL 1 STANDARDS

*UNLESS OTHERWISE SPECIFIED TOLERANCES PER DECIMAL PRECISION ARE: $X=\pm 1$ ( $\pm 0.039$ ), $X.X=\pm 0.5$	$ (\pm 0.020), \text{ X.XXX} = \pm 0.25  (\pm 0.010), \text{ X.XXX} = \pm 0.127  (\pm 0.005). \text{ LEAD SIZE} = \pm 0.05  (\pm 0.002), \text{ LEAD LENGTH} = \pm 0.75  (\pm 0.030). \text{ MIN} = \begin{array}{c} +DECIMAL \\ -0.00 \end{array} \text{ PRECISION } \text{ MAX.} = \begin{array}{c} +0.00 \\ -DECIMAL \\ -DECIMAL \end{array} \text{ PRECISION} $
425 GARY AVE. CAROL STREAM, IL 60188	3.5mm X 3.5mm SMT LED, GREEN, 1W
CAROL STREAM, IL 60188	

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

CHANGE AT ANY TIME WITHOUT NOTICE DUE TO NEW MATERIALS OR PRODUCT IMPROVEMEN

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 DOCUMENT

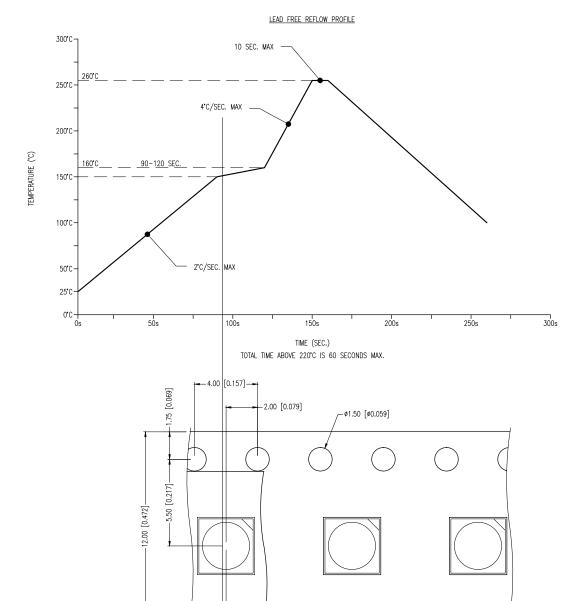
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 PAGE:
 1 OF 2
 CHKD BY:
 YA

 SCALE:
 NTS
 APRVD BY:
 YA

 UNIT:
 mm [INCH]
 NM

UNCONTROLLED DOCUMENT SML-LX3535UPGCTR1 PART NUMBER REV.



\*UNLESS OTHERWISE SPECIFIED TOLERANCES PER DECIMAL PRECISION ARE: X=±1 (±0.039), X.XX=±0.5 (±0.020), X.XXX=±0.25 (±0.010), X.XXX=±0.127 (±0.005). LEAD SIZE=±0.05 (±0.002), LEAD LENGTH=±0.75 (±0.030). MIN=  $\frac{+0.001}{-0.000}$  MAX.=  $\frac{+0.001}{-0.000}$ 

0.21 [0.968] TOP TAPE /

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425 GARY AVE. CAROL STREAM, IL 60188 PHONE: 800-278-5666

3.5mm X 3.5mm SMT LED, GREEN, 1W

TAPE FEED DIRECTION-

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UNCONTROLLED DOCUMENT DATE: 2/27/15 DRAWN BY: PAGE: 2 OF 2 CHKD BY: SCALE: NTS APRVD BY: YΑ

UNIT: mm [INCH] (Pg)