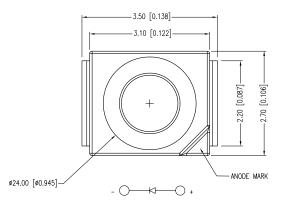
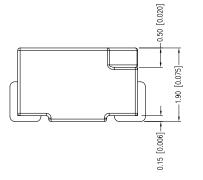
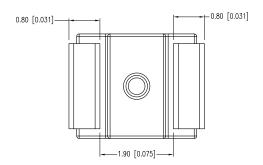
PART NUMBER

SML-LX2731SIC-TR

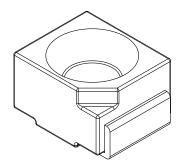
REV.

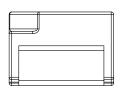




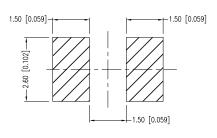


Creating LED and LCD Solutions Together™





RECOMMENDED SOLDER PAD LAYOUT



ELECTRO-OPTICAL CH	ARACTERISTICS TA =	=25°C I _f =2	:0mA	
PARAMETER	MIN T	rP MAX	UNITS	TEST COND
PEAK WAVELENGTH	6.	32	nm	
FORWARD VOLTAGE	1.75	2.35	V _f	
REVERSE VOLTAGE	12		V_r	I _r =10uA
AXIAL INTENSITY	450	1120	mcd	I _f =20mA
VIEWING ANGLE	10	20	2x theta	
EMITTED COLOR:	RED			
EPOXY LENS FINISH:	WATER CLEAR	LENS		

PARAMETER	MAX	UNITS
PEAK FORWARD CURRENT*	100	mA
STEADY CURRENT	50	mA
POWER DISSIPATION	120	mW
DERATE FROM 25°C	-1.2	mW/*C
OPERATING TEMP.	-40 TO +85	•C
STORAGE TEMP.	-40 TO +90	•C
SOLDERING TEMP.	+260	•C
2.0mm FROM BODY		3 SEC. MAX

* t<10uS

NOTES:

- 1. THE POLARITY MARK IS ORIENTED TOWARDS THE TAPE SPROCKET HOLE.
- 2. 2,000 PER REEL.

CAUTION: MOISTURE SENSITIVE DEVICE
PER JEDEC LEVEL 2 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 MAX. = ±0.00 UNCONTROLLED DOCUMENT

2.7MM X 3.1MM PLCC-2 LED W/ REFLECTOR 632 NM RED, AllinGap, CLEAR LENS, 2K PCS PER REEL

DATE: 01.10.13 DRAWN BY: MJK



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

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 01.10.13
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 MJK

 PAGE:
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 CHKD BY:

 SCALE:
 NTS
 APRVD BY:

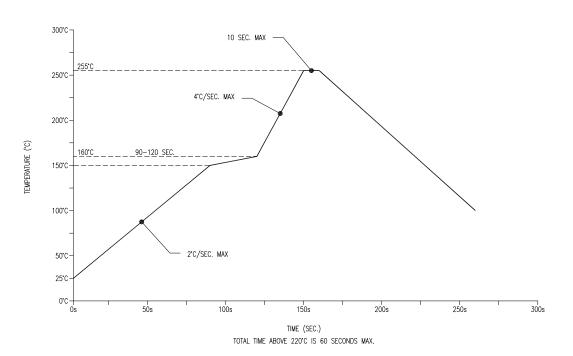
 UNIT:
 mm [INCH]
 NM

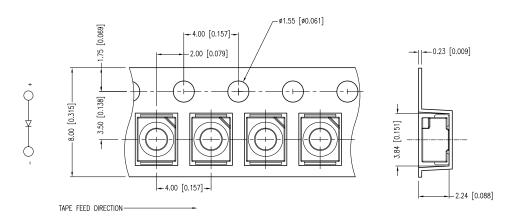
PART NUMBER

SML-LX2731SIC-TR

REV.

LEAD FREE REFLOW PROFILE





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2.7MM X 3.1MM PLCC-2 LED W/ REFLECTOR 632 NM RED, AlinGaP, CLEAR LENS, 2K PCS PER REEL

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UNIT: mm [INCH]		Pb)