

ELECTRO-OPTICAL	CHARACTERISTICS Ta	=25°C	If=20mA		
PARAMETER	MIN	TYP	MAX	UNITS	TEST COND
PEAK WAVELENGTH		660		nm	
FORWARD VOLTAGE		1.7	2.2	Vf	
REVERSE VOLTAGE	5.0			Vr	lr=100μA
AXIAL INTENSITY		15		mcd	lf=20mA
VIEWING ANGLE		160		2x theta 1/2	
EMITTED COLOR:	RED				
EPOXY LENS FINISI	H: WATER CLEAR				

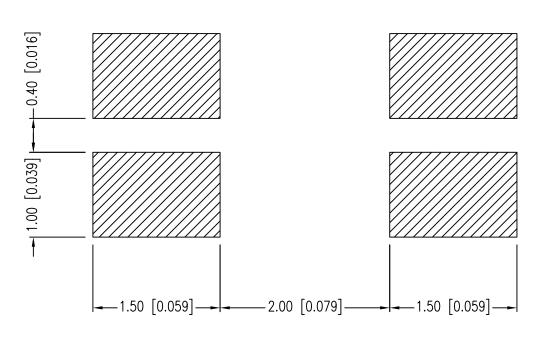
LIMIT	S OF	SAFE	OPERATION	ΑT	25°C
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PARAMETER	MAX	UNITS
PEAK FORWARD CURRENT*	100	mA
STEADY CURRENT	30	mA
POWER DISSIPATION	80	mW
DERATE FROM 25°C	-1.2	mW/°C
OPERATING TEMP.	−25 TO +85	°C
STORAGE TEMP.	-30 TO +85	° C

* t<10µS

CAUTION: MOISTURE SENSITIVE DEVICE PER JEDEC LEVEL 3 STANDARDS

RECOMMENDED SOLDER PAD LAYOUT



*UNLESS OTHERWISE SPECIFIED TOLERANCES PER DECIMAL PRECISION ARE: X=±1 (±0.039), X.X=±0.5 (±0.020), X.XX=±0.127 (±0.005). LEAD SIZE=±0.05 (±0.002), LEAD LENGTH=±0.75 (±0.030). MIN= $^{+DECIMAL}_{-0.00}$ PRECISION MAX.= $^{+0.00}_{-DECIMAL}$ PRECISION

UNCONTROLLED DOCUMENT DATE: 11.14.18 DRAWN BY: C.S.

FAX: 630-315-2152

THE SPECIFICATIONS MAY CHANGE AT ANY TIME WITHOUT NOTICE.

2.7x 3.2mm P.C.B. SURFACE MOUNT LED, DUAL 660nm RED CHIPS, WATER CLEAR LENS, TAPE & REEL.

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1 OF 2 CHKD BY: PAGE: E.C. SCALE: NTS APRVD BY: G.Y. Pb UNIT: mm [INCH]

Creating LED and LCD Solutions Together"

0.90 [0.035]

425 N. GARY AVE. CAROL STREAM, IL 60188-4900 PHONE: 800-278-5666

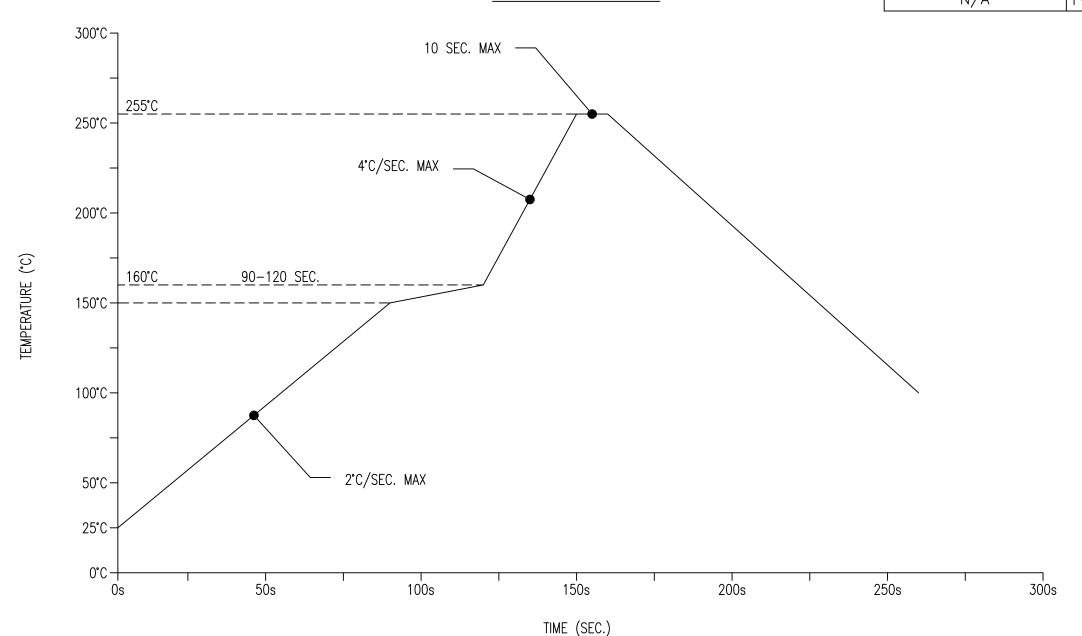
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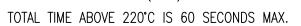
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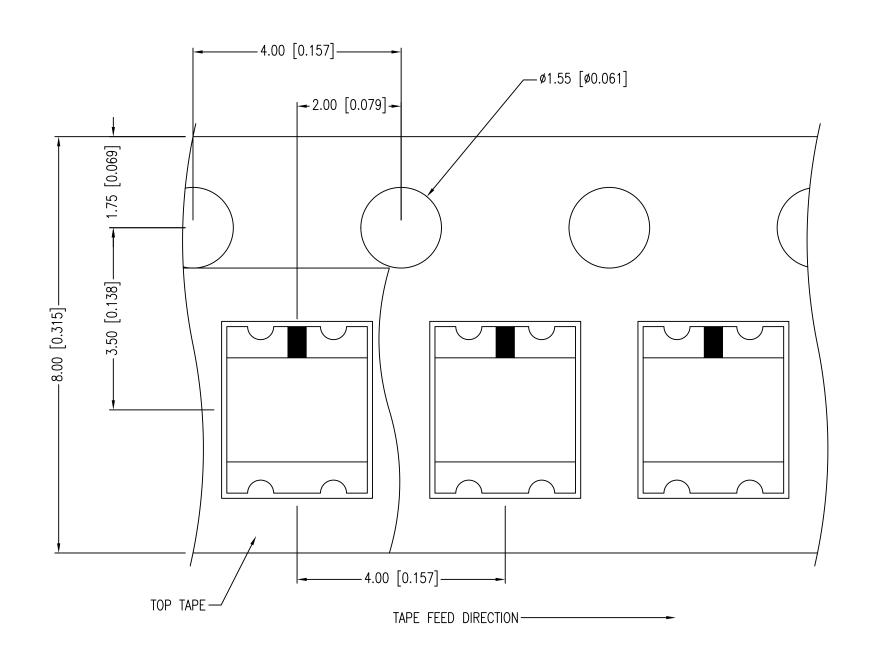
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 PART NUMBER
 SML-LX1210SRSRC-TR
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 DATE
 E.C.N. NUMBER AND REVISION COMMENTS
 REV.

 LEAD FREE REFLOW PROFILE
 N/A
 FOR REVISION HISTORY PLEASE SEE PAGE 1
 N/A







NOTES:

- 1. THE CATHODE IS ORIENTED TOWARDS THE TAPE SPROCKET HOLE.
- 2. LOCATION FOR CATHODE MARK CAN BE EITHER ON THE TOP OR BOTTOM OF THE PART.

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PAGE: 2 OF 2 CHKD BY: E.C.

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UNIT: mm [INCH]

Mouser Electronics

Authorized Distributor

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