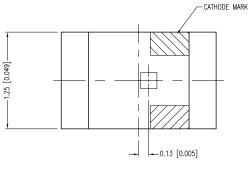
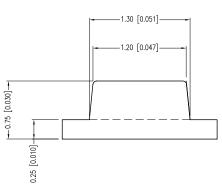
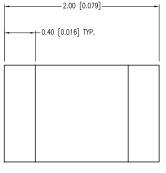
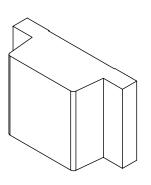
PART NUMBER	SML-LXFT0805SRC-TR		В
DATE	E.C.N. NUMBER AND REVISION COMMENTS		REV.
03.02.05	E.C.N. #11148.		Α
02.23.11	E.C.N. #10BRDR. & REDRAWN/#11697.		В







ANODE ○─────── CATHODE



RECOMMENDED SOLDER PAD LAYOUT [0.043] 1.10 1.10 [0.043] 1.25 [0.049]

ELECTRO-OPTICAL	CHARACTERISTI	CS T _A =25°C	$I_f = 20 \text{mA}$		
PARAMETER	MIN	TYP	MAX	UNITS	TEST COND
PEAK WAVELENGTH		660		nm	
FORWARD VOLTAGE		1.7	2.2	V_{f}	
REVERSE VOLTAGE	4.0			V_r	I _r =100uA
AXIAL INTENSITY		50		mcd	I _f =20mA
VIEWING ANGLE		120		2x theta	
EMITTED COLOR:	RED				
EPOXY LENS FINISI	H: WATER	CLEAR LENS			

LIMITS OF SAFE OPERATION AT 25°C	PER CHIP	
PARAMETER	MAX	UNITS
PEAK FORWARD CURRENT*	100	mA
STEADY CURRENT	30	mA
POWER DISSIPATION	100	mW
DERATE FROM 25°C	-1.2	mW/*C
OPERATING TEMP.	-25 TO +85	•c
STORAGE TEMP.	-30 TO +85	*C
* t<10uS		

NOTES:

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

CAUTION: MOISTURE SENSITIVE DEVICE PER JEDEC LEVEL 3 STANDARDS

290 E. HELEN ROAD PALATINE, IL 60067-6976 PHONE: +1.847.359.2790 FAX: +1.847.359.6538

WEB: WWW.LUMEX.COM

660nm SUPER RED LED, 1.25mm x 2mm PCB SURFACE MOUNT LED, WATER CLEAR LENS, TAPE AND REEL.

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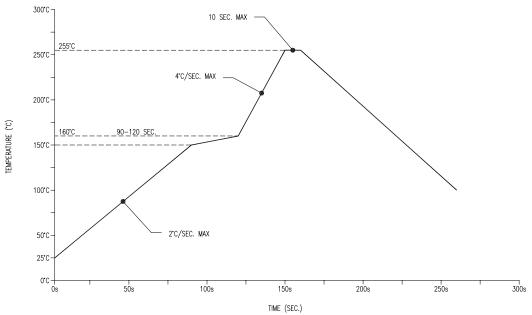
*UNLESS OTHERWISE SPECIFIED TOLERANCES PER DECIMAL PRECISION ARE: X=±1 (±0.039), X.X=±0.5 (±0.020), X.XX=±0.25 (±0.010), X.XXX=±0.127 (±0.005). LEAD SIZE=±0.05 (±0.002), LEAD LENGTH=±0.75 (±0.030). MIN= $^{+0.00}_{-0.00}$ MAX.= $^{+0.00}_{-0.00}$ UNCONTROLLED DOCUMENT DATE: 2.23.11 DRAWN BY: AΒ 1 OF 2 PAGE: CHKD BY: KF SCALE: NTS APRVD BY: JD UNIT: mm [INCH] (Pb)

Creating LED and LCD Solutions Together™

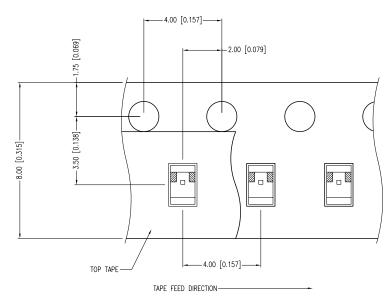
REV.

В

LEAD FREE REFLOW PROFILE



TOTAL TIME ABOVE 220°C IS 60 SECONDS MAX.



*UNLESS OTHERWISE SPECIFIED TOLERANCES PER DECIMAL PRECISION ARE: X=±1 (±0.039), X.XX=±0.5 (±0.020), X.XXX=±0.127 (±0.005). LEAD SIZE=±0.05 (±0.002), LEAD SIZE=±0.05 (±0.030). MIN= $^{+DECIMAL}_{-0.00}$ PRECISION MAX.= $^{+0.00}_{-0.00}$ MAX.= $^{+0.00}_{-0.00}$ MAX.= $^{+0.00}_{-0.00}$ MAX.= $^{+0.00}_{-0.00}$ PRECISION ARE: X=±1 (±0.039), X.XX=±0.5 (±0.020), X.XX=±0.127 (±0.005). LEAD SIZE=±0.05 (±0.002), LEAD SIZE=±0.05 (±0.030). MIN= $^{+DECIMAL}_{-0.00}$ PRECISION MAX.= $^{+0.00}_{-0.00}$ MAX.= $^{+0.00}_{-0.0$

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	DATE: 2.23.11		DRAWN BY:	AB
_	PAGE:	2 OF 2	CHKD BY:	KF
	SCALE:	NTS	APRVD BY:	JD
UNIT: mm [INC		mm [INCH]	(Pb)	

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