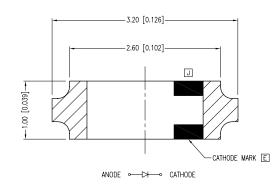
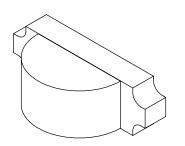
UNCONTROLLED DOCUMENT



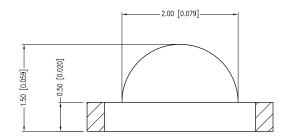


PART NUMBER	SML-LXR85SRC-TR rev.	L
DATE	E.C.N. NUMBER AND REVISION COMMENTS	REV.
08.23.96	E.C.N. #10230.	A
10.24.96	E.C.N. #10263	В
05.02.97	E.C.N. #10338.	С
07.22.97	E.C.N. #10366.	D
09.19.97	E.C.N. #10380.	E
10.15.97	E.C.N. #10BRDR. & REDRAWN.	F
03.05.98	E.C.N. #10419.	G
10.23.98	E.C.N. #10471.	Т
07.18.00	E.C.N. #10644.	1
07.30.01	E.C.N. #10BRDR. & #10771.	J
08.12.05	E.C.N. #11248.	К
03.18.11	E.C.N. #10BRDR. & REDRAWN/ #11704.	L

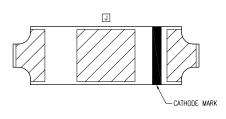
PARAMETER	MIN	TYP.	MAX	UNITS	TEST CON
PEAK WAVELENGTH		660		nm	
FORWARD VOLTAGE		1.7	2.2	Vf	
REVERSE VOLTAGE	5.0			Vr	Ir=100µA
AXIAL INTENSITY		30		mcd	lf=20mA
VIEWING ANGLE		160		2x theta	
EMITTED COLOR:	RED				
EPOXY LENS FINISH:	WATER CL	.EAR			

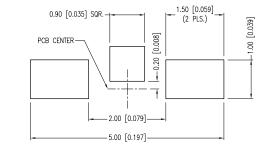
PARAMETER	MAX	UNITS
PEAK FORWARD CURRENT*	100	mA
STEADY CURRENT	30	mA
POWER DISSIPATION	80	mW
DERATE FROM 25°C	-1.2	mW/*C
OPERATING TEMP.	-25 TO +85	•C
STORAGE TEMP.	-30 TO +85	•C

CAUTION: MOISTURE SENSITIVE DEVICE PER JEDEC LEVEL 2 STANDARDS



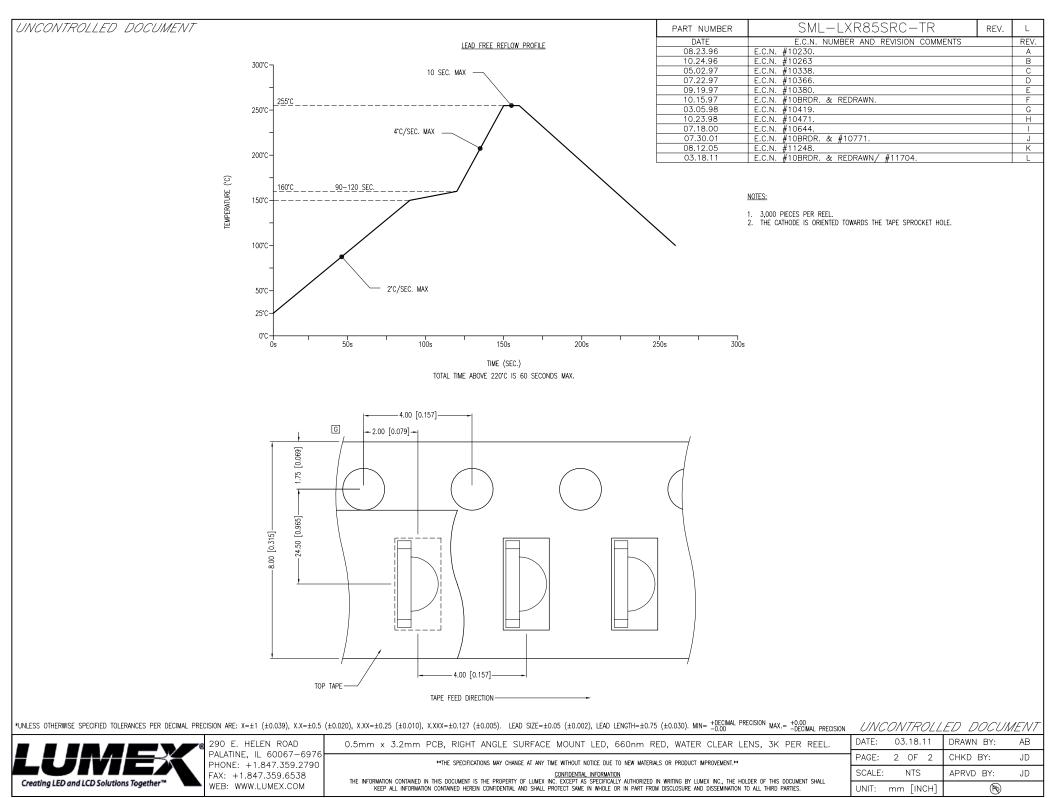
H RECOMMENDED SOLDER PAD LAYOUT





*UNLESS OTHERWISE SPECIFIED TOLERANCES PER DECIMAL PRECISION ARE: X=±1 (±0.039), X.X=±0.5 (±0.020), X.XX=±0.25 (±0.010), X.XXX=±0.127 (±0.005). LEAD SIZE=±0.05 (±0.002), LEAD LENGTH=±0.75 (±0.030). MIN = $\frac{+0.00}{-0.00}$ UNCONTROLLED DOCUMENT

	290 E. HELEN ROAD	0.5mm x 3.2mm PCB, RIGHT ANGLE SURFACE MOUNT LED, 660nm RED, WATER CLEAR LENS, 3K PER REEL.	DATE:	03.18.11	DRAWN BY:	AB
	PALATINE, IL 60067-6976	**THE SPECIFICATIONS MAY CHANGE AT ANY TIME WITHOUT NOTICE DUE TO NEW MATERIALS OR PRODUCT IMPROVEMENT.** CONFIDENTIAL INFORMATION	PAGE:	1 OF 2	CHKD BY:	JD
	FAX: +1.847.359.6538		SCALE:	NTS	APRVD BY:	JD
	WEB: WWW.LUMEX.COM	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 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]	R	



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