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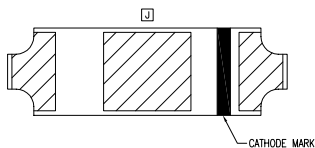
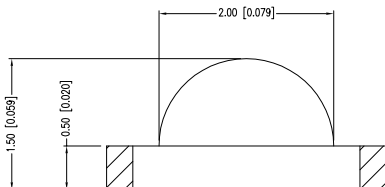
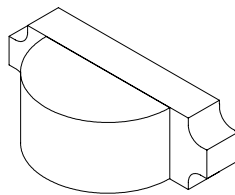
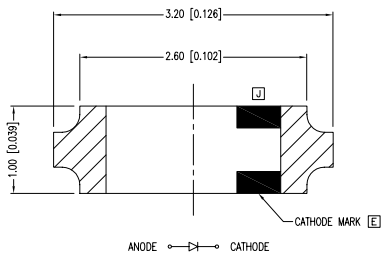
[Lumex, Inc.](#)

[SML-LXR85SRC-TR](#)

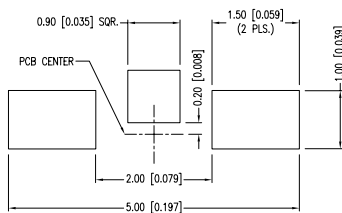
For any questions, you can email us directly:

sales@integrated-circuit.com

UNCONTROLLED DOCUMENT



[H] RECOMMENDED SOLDER PAD LAYOUT



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.	B	
05.02.97	E.C.N. #10338.	C	
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.	H	
07.18.00	E.C.N. #10644.	I	
07.30.01	E.C.N. #10BRDR. & #10771.	J	
08.12.05	E.C.N. #11248.	K	
03.18.11	E.C.N. #10BRDR. & REDRAWN / #11704.	L	

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	Ir=100μA
AXIAL INTENSITY		30		mcd	If=20mA
VIEWING ANGLE		160		2x theta	
EMITTED COLOR:	RED				
EPOXY LENS FINISH:	WATER CLEAR				

[I] LIMITS OF SAFE OPERATION AT 25°C

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

* I<10μs

[L] 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= -0.00 DECIMAL PRECISION MAX= +0.00 DECIMAL PRECISION

UNCONTROLLED DOCUMENT

LUMEX
Creating LED and LCD Solutions Together™

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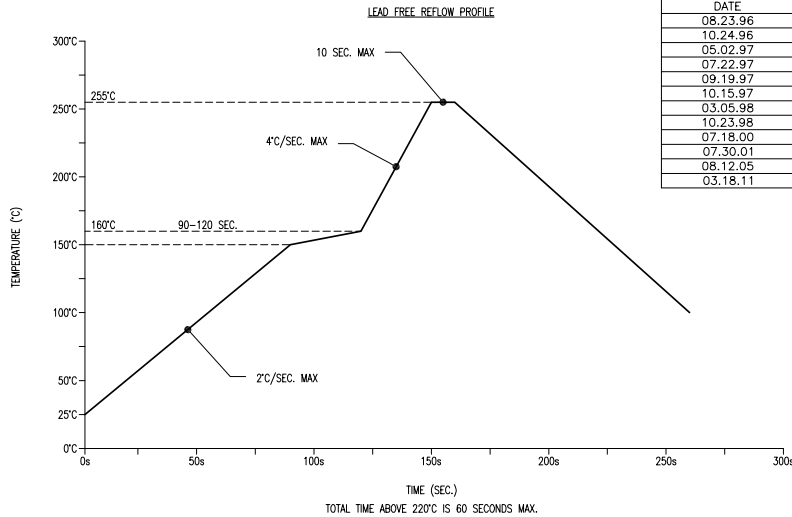
0.5mm x 3.2mm PCB, RIGHT ANGLE SURFACE MOUNT LED, 660nm RED, WATER CLEAR LENS, 3K PER REEL.

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

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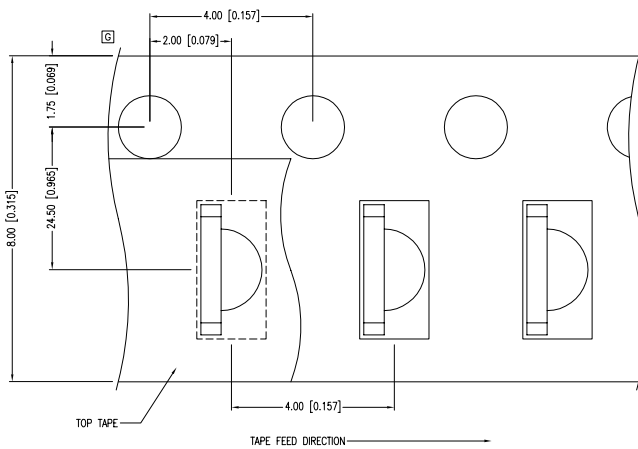
DATE: 03.18.11	DRAWN BY: AB
PAGE: 1 OF 2	CHKD BY: JD
SCALE: NTS	APRVD BY: JD
UNIT: mm [INCH]	



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NOTES:

- 3,000 PIECES PER REEL.
- THE CATHODE IS ORIENTED TOWARDS THE TAPE SPROCKET HOLE.



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