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Stocking Distributor

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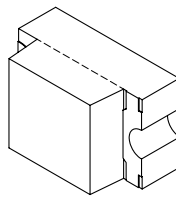
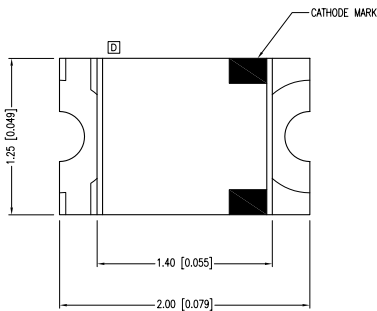
[Lumex, Inc.](#)
[SML-LX0805UPGC-TR](#)

For any questions, you can email us directly:

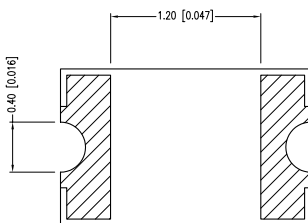
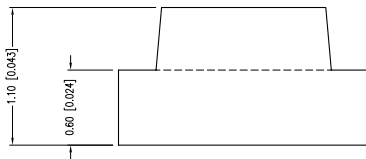
sales@integrated-circuit.com

UNCONTROLLED DOCUMENT

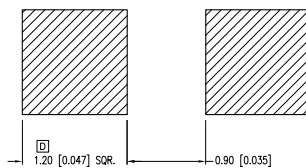
PART NUMBER	SML-LX0805UPGC-TR	REV.	D
DATE	E.C.N. NUMBER AND REVISION COMMENTS	REV.	
05.09.02	E.C.N. #10862.	A	
03.14.03	E.C.N. #10967.	B	
08.09.05	E.C.N. #11248.	C	
06.20.11	E.C.N. #10BRDR. & REDRAWN/# 11731.	D	



ANODE CATHODE



RECOMMENDED SOLDER PAD LAYOUT



ELECTRO-OPTICAL CHARACTERISTICS TA = 25°C If = 20mA					
PARAMETER	MIN	TYP.	MAX	UNITS	TEST COND
PEAK WAVELENGTH		518		nm	
FORWARD VOLTAGE		3.5	4.0	Vf	If=100mA
REVERSE VOLTAGE	5.0			Vr	If=20mA
AXIAL INTENSITY	112		285	mod	
VIEWING ANGLE		140		2x theta	
EMITTED COLOR:	GREEN				
EPOXY LENS FINISH:	WATER CLEAR				

LIMITS OF SAFE OPERATION AT 25°C		
PARAMETER	MAX	UNITS
PEAK FORWARD CURRENT*	90	mA
STEADY CURRENT	25	mA
POWER DISSIPATION	100	mW
DERATE FROM 25°C	-1.2	mW/°C
OPERATING TEMP.	-40 TO +85	°C
STORAGE TEMP.	-40 TO +90	°C

* t<10μs

CAUTION: MOISTURE SENSITIVE DEVICE
PER JEDEC LEVEL 2 STANDARDSCAUTION: STATIC SENSITIVE DEVICE
FOLLOW PROPER E.S.D. HANDLING PROCEDURES
WHEN WORKING WITH THIS PART.

*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, MAX= +0.00

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Creating LED and LCD Solutions Together™290 E. HELEN ROAD
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2.0x1.25mm PCB SURFACE MOUNT LED, 518nm ULTRA PURE GREEN, WATER CLEAR, TAPE & REEL.

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

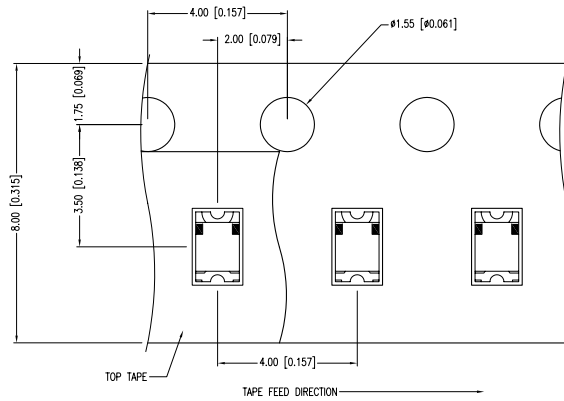
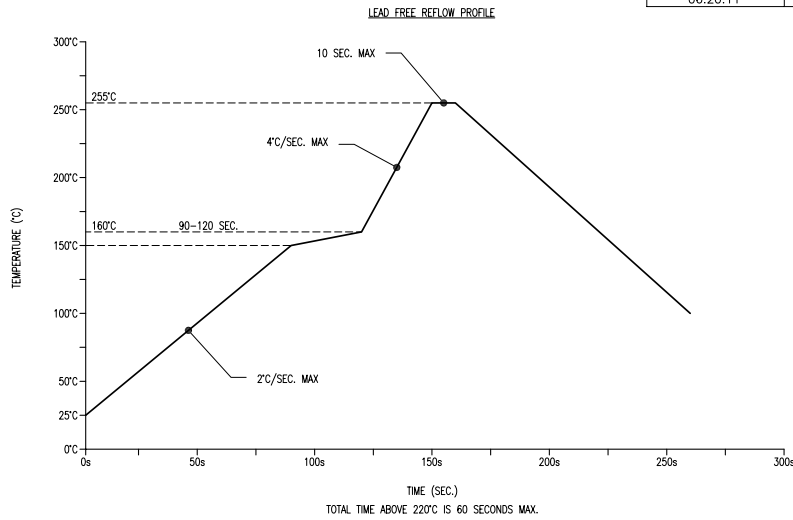
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DATE: 06.20.11	DRAWN BY: AB
PAGE: 1 OF 2	CHKD BY: KF
SCALE: NTS	APRVD BY: SS
UNIT: mm [INCH]	

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NOTES:

1. CATHODE MARK IS ORIENTED TOWARDS TAPE SPROCKET HOLE.

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