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Stocking Distributor

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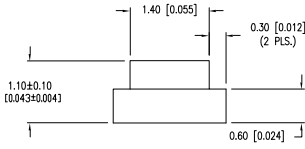
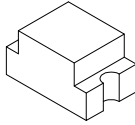
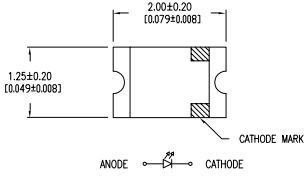
[Lumex, Inc.](#)
[SML-LX0805SUGC-TR](#)

For any questions, you can email us directly:

sales@integrated-circuit.com

UNCONTROLLED DOCUMENT

PART NUMBER	SML-LX0805SUGC-TR	REV.	E
DATE	E.C.N. NUMBER AND REVISION COMMENTS		REV.
05.09.02	E.C.N. #10862.		A
03.14.02	E.C.N. #10967.		B
08.08.05	E.C.N. #11248.		C
09.26.07	E.C.N. #11148.		D
03.06.09	E.C.N. #11508.		E



ELECTRO-OPTICAL CHARACTERISTICS T _A =25°C I _F =20mA				
PARAMETER	MIN	TYP	MAX	UNITS TEST COND
PEAK WAVELENGTH		574		nm
FORWARD VOLTAGE		2.2	2.6	V _f
REVERSE VOLTAGE	5.0			V _r
AXIAL INTENSITY		45		mcd I _F =100µA I _F =20mA
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*	160	mA
STEADY CURRENT	30	mA
POWER DISSIPATION	100	mW
DERATE FROM 25°C	- 1.2	mW/°C
OPERATING TEMP.	-40 TO +85	°C
STORAGE TEMP.	-40 TO +85	°C

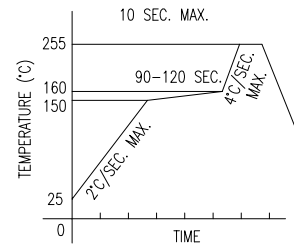
* <10µs

NOTES:

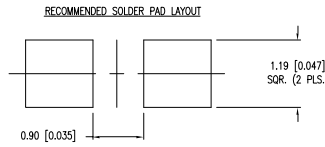
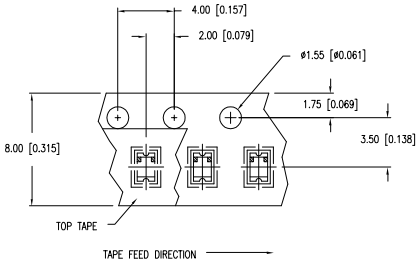
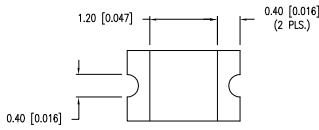
- THE CATHODE IS ORIENTED TOWARDS THE TAPE SPROCKET HOLE.

CAUTION: MOISTURE SENSITIVE DEVICE PER JEDEC LEVEL 2 STANDARDS

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), XX=±0.5 (±0.020), XXX=±0.25 (±0.010), XXXX=±0.127 (±0.005). LEAD SIZE=±0.05 (±0.002), LEAD LENGTH=±0.75 (±0.030). MIN= +DECIMAL PRECISION -0.00, MAX.= +0.00 -DECIMAL PRECISION. UNCONTROLLED DOCUMENT



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2.0mm x 1.25mm PCB SURFACE MOUNT, TAPE AND REEL, 574nm SUPER ULTRA GREEN, WATER CLEAR LENS.
 THE SPECIFICATIONS MAY CHANGE AT ANY TIME WITHOUT NOTICE DUE TO NEW MATERIALS OR PRODUCT IMPROVEMENT
 CONFIDENTIAL INFORMATION
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DATE: 11.13.00	DRAWN BY: BC
PAGE: 1 OF 1	CHKD BY: SS
SCALE: N/A	APRVD BY: KF
UNIT: mm [INCH]	