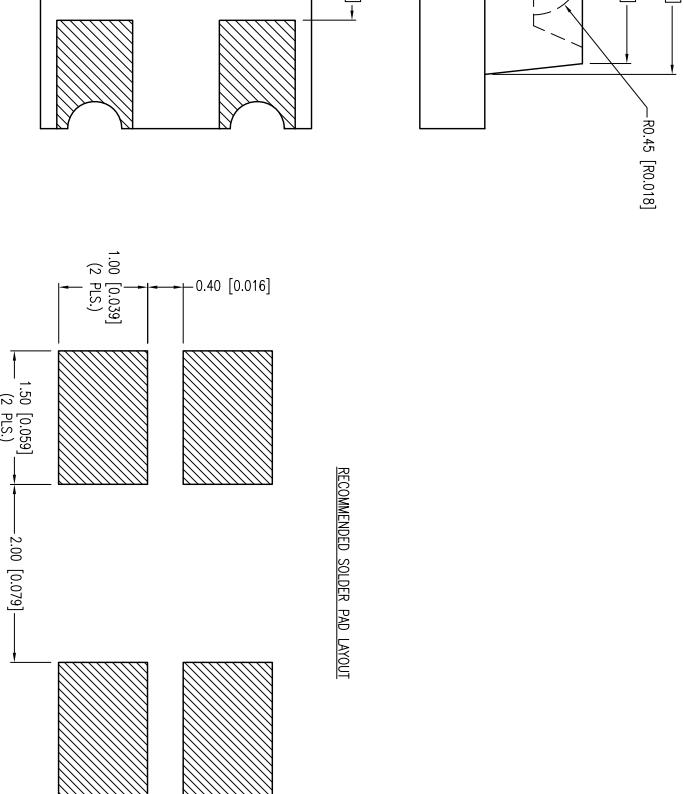
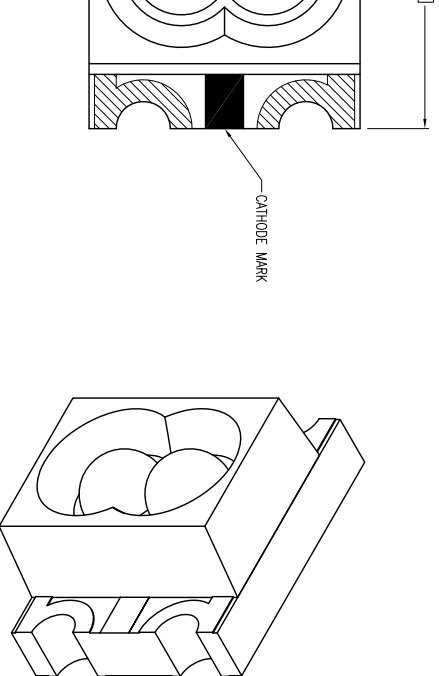


PART NUMBER	SML-LXL1210YGC-TR	REV.	E
DATE	E.C.N. NUMBER AND REVISION COMMENTS	REV.	
08.06.98	REDRAWN.	A	
11.06.00	E.C.N. #10BRDR. & REDRAWN IN 3D.	B	
11.06.00	E.C.N. #10BRDR. & #10851.	C	
03.14.03	E.C.N. #10967.	D	
06.26.12	E.C.N. #10BRDR. & REDRAWN/#11826.	E	



RECOMMENDED SOLDER PAD LAYOUT

□ ELECTRO-OPTICAL CHARACTERISTICS $T_0=25^{\circ}\text{C}$ $I_f=20\text{mA}$

PARAMETER	MIN	TP	MAX	UNITS	TEST COND
PEAK WAVELENGTH	(Y/G)	585/565		nm	
FORWARD VOLTAGE	(Y/G)	2.1/2.2	2.5/2.6	V _f	$I_f=100\mu\text{A}$
REVERSE VOLTAGE		5.0		V _r	$I_f=20\text{mA}$
AXIAL INTENSITY	(Y/G)	6/10		md	
VIEWING ANGLE		60		2α theta	
EMITTED COLOR:	YELLOW/GREEN				
LENS FINISH:	WATER CLEAR				

LIMITS OF SAFE OPERATION AT 25°C

PARAMETER	MAX	UNITS
PEAK FORWARD CURRENT*	160	mA
STEADY CURRENT (Y/G)	30/25	mA
POWER DISSIPATION	100	mW
DERATE FROM 25°C	-1.0	mW/°C
OPERATING TEMP.	-40 TO +85	°C
STORAGE TEMP.	-40 TO +85	°C

* I<10μS

Ⓛ Ⓧ CAUTION: MOISTURE SENSITIVE DEVICE
PER JEDEC LEVEL 2 STANDARDS

EN RD00 (±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. = -0.001 DECIMAL PRECISION MAX. = +0.001 DECIMAL PRECISION
 60067-6976
 947,359,2790
 3,59,6538
 LUXEY.COM
 LUXEY PHOTONICS GROUP

2.7mm x 3.0mm PCB, SML, DUAL YELLOW/GREEN CHIPS, WATER CLEAR LENS, TAPE & REEL.

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

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DATE:	07.02.12	DRAWN BY:	AB
PAGE:	1 OF 2	CHKD BY:	DT
SCALE:	NTS	APRVD BY:	DT
UNIT:	mm [INCH]		



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