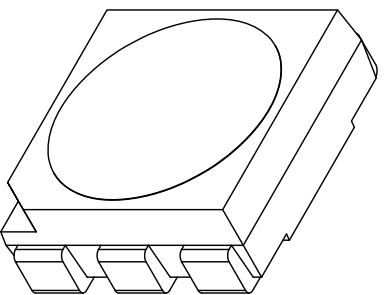
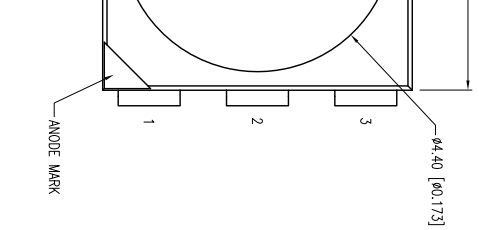


PART NUMBER	SML-LX5050SUGC-TR	REV.	A
DATE	02.07.14	REV.	A
E.C.N. #	#11896.	E.C.N. NUMBER AND REVISION COMMENTS	



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

PARAMETER	MIN	TYP	MAX	UNITS	TEST COND
PEAK WAVELENGTH		574		nm	
FORWARD VOLTAGE	1.7	2.0	2.5	V _f	$I_f=10\mu\text{A}$
REVERSE VOLTAGE	5.0			V _r	$I_f=20\text{mA}$
AXIAL INTENSITY		80	160	md	
VIEWING ANGLE		120		2x theta	
EMITTED COLOR:	GREEN				
LENS FINISH:	WATER CLEAR				

NOTE: VALUES ARE PER DIE.

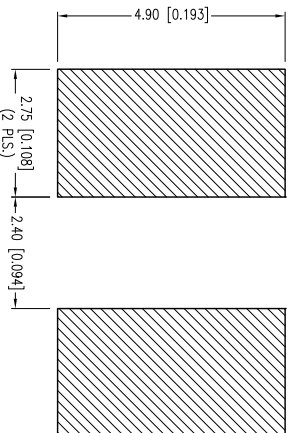
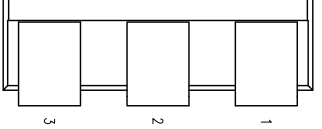
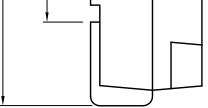
LIMITS OF SAFE OPERATION AT 25°C

PARAMETER	TYP	MAX	UNITS
PEAK FORWARD CURRENT*	125		mA
STEADY CURRENT	30		mA
POWER DISSIPATION	75		mW
DERATE FROM 25°C	-1.2		mW/°C
OPERATING TEMP.	-40 TO +85		°C
STORAGE TEMP.	-40 TO +85		°C

* I_{T,100S}

NOTE: VALUES ARE PER DIE.

**CAUTION: MOISTURE SENSITIVE DEVICE
PER JEDEC LEVEL 3 STANDARDS**



RECOMMENDED SOLDER PAD LAYOUT

EN RD00
80067-8976
947,359,2790
LUXE.COM
LUXE
/TW PHOTONICS GROUP

X±1 (+0.039), X-X±H0.5 (+0.020), X-XX±H0.25 (+0.010), X-XXX±H0.127 (+0.005), LEAD SIZE±H0.05 (+0.002), LEAD LENGTH±H0.75 (+0.030), MIN± -0.001 DECMAL PRECISION MAX± +0.001 DECMAL PRECISION

5.0x5.0mm SML W/REFLECTOR, 574nm 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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-  Alternative Solution
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