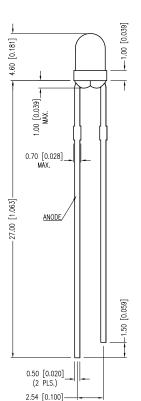
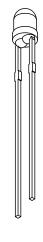
PART NUMBER

SSL-LX3044SYC/B

REV.







ELECTRO-OPTICAL	CHARACTERISTICS	Ta=25°C	If=20mA			
PARAMETER	MIN		TYP	MAX	UNITS	TEST COND
PEAK WAVELENGTH			590		nm	
FORWARD VOLTAGE			2.0	2.5	Vf	
REVERSE VOLTAGE	5.0				Vr	Ir=10µA
AXIAL INTENSITY	1600		2800		mcd	If=20mA
VIEWING ANGLE			35		2x theta	
EMITTED COLOR:	YELLOW					
LENS FINISH:	WATER CLEAR					

LIMITS OF SAFE OPERATION AT 25°C		
PARAMETER	MAX	UNITS
PEAK FORWARD CURRENT*	140	mA
STEADY CURRENT	30	mA
POWER DISSIPATION	75	mW
DERATE FROM 25°C	-1.6	mW/*C
OPERATING TEMP.	-40 TO +85	*C
STORAGE TEMP.	-40 TO +85	*C
SOLDERING TEMP.	+260	*C
2.0mm FROM BODY	3	SEC.
* t<10µS		

*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 = $^{+0.00}_{-0.00}$ MAX. = $^{+0.00}_{-0.00}$ MAX.



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T-3mm (T-1) 590nm SUPER YELLOW LED, WATER CLEAR LENS.

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

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