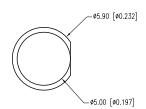
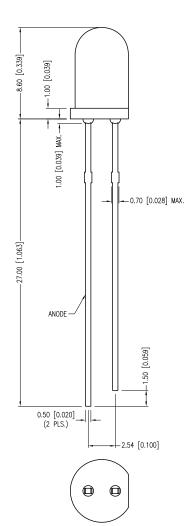
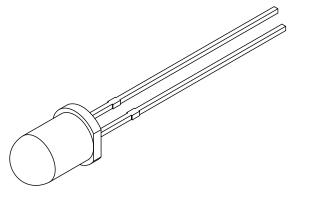
SSL-LX5093SIC/G

REV.







ELECTRO-OPTICAL CHARACTERISTICS Ta=25°C If=20mA					
PARAMETER	MIN	TYP	MAX	UNITS	TEST COND
PEAK WAVELENGTH		630		nm	
FORWARD VOLTAGE		2.1	2.6	Vf	If=20mA
REVERSE VOLTAGE	5.0			Vr	Ir=100µA
LUMINOUS INTENSITY		15000		mcd	If=20mA
VIEWING ANGLE		15		2x theta	
EMITTED COLOR:	RED				
EPOXY LENS FINISH:	WATER CLEAR				

LIMITS OF SAFE OPERATION AT 25°C		
PARAMETER	MAX	UNITS
PEAK FORWARD CURRENT*	100	mA
STEADY CURRENT	35	mA
POWER DISSIPATION	90	mW
DERATE FROM 25°C	-1.2	mW/*C
OPERATING TEMP.	-30 TO +80	•C
STORAGE TEMP.	-40 TO +100	•C
SOLDERING TEMP.	+260	•C
2.0mm FROM BODY	3	SEC.
* 1.410 C		

\*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=  $^{+0.001}_{-0.001}$  PRECISION MAX.=  $^{+0.001}_{-0.001}$  MAX.=  $^{+0.001}_{-0.001}$  PRECISION ARE: X=±1 (±0.039), X.X=±0.5 (±0.020), X.XX=±0.127 (±0.005). LEAD SIZE=±0.05 (±0.002), LEAD SIZE=±0.05 (±0.003). MIN= $^{+0.001}_{-0.001}$  PRECISION MAX.=  $^$ LINICONTROLLED DOCLIMENT



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

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	DATE: 08.17.14	DRAWN BY: MA		
	PAGE: 1 OF 1	CHKD BY: KF		
	SCALE: NTS	APRVD BY: KF		
	UNIT: mm [INCH]	P6)		