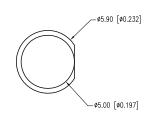
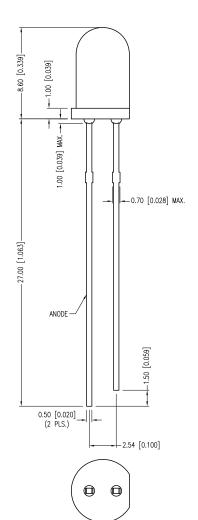
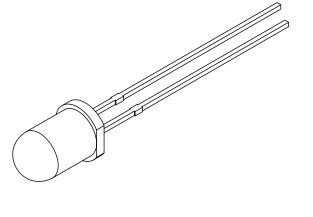
UNCONTROLLED DOCUMENT







PART NUMBER	SSL-LX5093SGC/A	REV.	D
DATE	E.C.N. NUMBER AND REVISION COMMENTS		REV.
03.02.95	UPDATED SPECS.		Α
05.31.01	E.C.N. #10BRDR. & REDRAWN IN 3D.		В
10.23.06	E.C.N. #11148		С
09.13.12	E.C.N. #10BRDR. & REDRAWN.		D

EPOXY LENS FINISH: WATER CLEAR

ELECTRO-OPTICAL CHARACTERISTICS Ta=25°C If=20mA PARAMETER TYP UNITS TEST COND PEAK WAVELENGTH 565 FORWARD VOLTAGE 2.2 2.6 Vf REVERSE VOLTAGE 5.0 Vr Ir=100µA AXIAL INTENSITY 200 If=20mA mcd VIEWING ANGLE 30 2x theta EMITTED COLOR: GREEN

LIMITS OF SAFE OPERATION AT 25°C					
PARAMETER	MAX	UNITS			
PEAK FORWARD CURRENT*	150	mA .			
STEADY CURRENT	25	mA			
POWER DISSIPATION	105	mW			
DERATE FROM 25°C	-1.2	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= $^{+0.00}_{-0.00}$ PRECISION MAX.= $^{+0.00}_{-0.000}$ MAX.= $^{+0.00}_{-0.000}$ PRECISION $^{-0.000}_{-0.000}$ MAX.= $^{+0.000}_{-0.000}$ PRECISION $^{-0.000}_{-0.000}$ PRECISION $^{-0.000}_{-0.000}$



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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:	09.13.12	DRAWN BY:	AB
PAGE:	1 OF 1	CHKD BY:	KF
SCALE:	NTS	APRVD BY:	KF
UNIT: mm [INCH]		Pb	