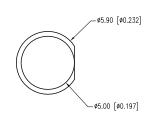
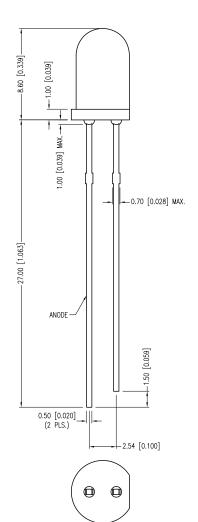
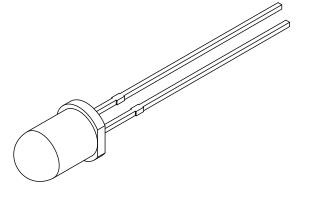
UNCONTROLLED DOCUMENT







PART NUMBER	SSL-LX5093SIC	REV.	С
DATE	E.C.N. NUMBER AND REVISION COMMENTS		REV.
05.31.01	E.C.N. #10BRDR. & REDRAWN.		Α
10.23.06 E.C.N. #11148.			В
09.19.12	E.C.N. #10BRDR. & REDRAWN.		C

ELECTRO-OPTICAL CHARACTERISTICS Ta=25°C If=20mA PARAMETER TYP UNITS TEST COND PEAK WAVELENGTH 636 FORWARD VOLTAGE 2.0 2.5 Vf REVERSE VOLTAGE 5.0 Vr Ir=100µA AXIAL INTENSITY 1800 If=20mA mcd VIEWING ANGLE 30 2x theta EMITTED COLOR: EPOXY LENS FINISH: WATER CLEAR

LIMITS OF SAFE OPERATION AT 25°C	FE OPERATION AT 25°C		
PARAMETER	MAX	UNITS	
PEAK FORWARD CURRENT*	150	mA	
STEADY CURRENT	30	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.	
1.1.10.0			

*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= $^{+DECIMAL}_{-0.00}$ PRECISION MAX.= $^{+0.00}_{-0.00}$ MAX.= $^{+0.00}_{-0.00}$ PRECISION ARE: X=±1 (±0.039), X.XX=±0.5 (±0.020), X.XX=±0.127 (±0.005). LEAD SIZE=±0.05 (±0.002), LEAD SIZE=±0.05 (±0.003). MIN= $^{+DECIMAL}_{-0.00}$ PRECISION MAX.= $^{+0.00}_{-0.00}$ MAX.= $^{+0.00}_{-0.00}$ PRECISION MAX.= $^{+0.00}_{-0.00}$ MAX.= $^{+0.00}_{-0.00}$ PRECISION MAX.= $^{+0.00}_{-0.00}$ MAX. UNCONTROLLED DOCUMENT



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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: 09.19.12 DRAWN BY: AΒ PAGE: 1 OF 1 CHKD BY: KF SCALE: NTS APRVD BY: KF UNIT: mm [INCH] (Pb)

Mouser Electronics

Authorized Distributor

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