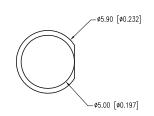
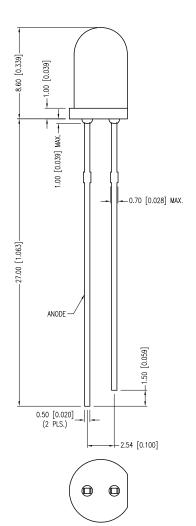
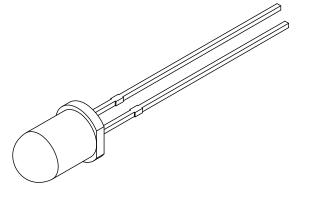
UNCONTROLLED DOCUMENT







	PART NUMBER	SSL-LX5093GD	REV.	E
	DATE	DATE E.C.N. NUMBER AND REVISION COMMENTS		REV.
	05.15.90 CHG'D AXIAL INTENSITY. 01.06.95 REDRAWN, UPDATED SPECS. 05.29.01 E.C.N. #10BRDR. & REDRAWN IN 3D.			Α
				В
				С
	10.19.06	E.C.N. #11148		D
	02.01.12	E.C.N. #10BRDR. & REDRAWN.		Е

EPOXY LENS FINISH: GREEN DIFFUSED

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 30 If=20mA mcd VIEWING ANGLE 60 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.
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: 02.01.12 DRAWN BY: AΒ PAGE: 1 OF CHKD BY: KF SCALE: NTS APRVD BY: KF UNIT: mm [INCH] (Pb)

Mouser Electronics

Authorized Distributor

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