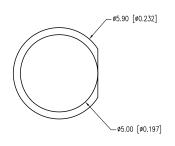
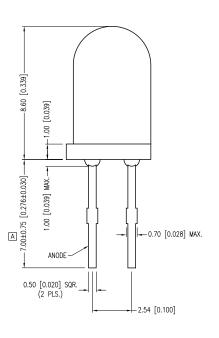
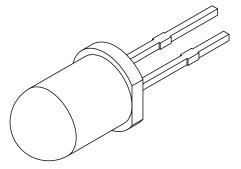
UNCONTROLLED DOCUMENT







1	PART NUMBER	SSL-LX5093IC-T18	REV.	С
I	DATE	E.C.N. NUMBER AND REVISION COMMENTS		REV.
ĺ	01.15.04	01.15.04 E.C.N. #11083. 10.19.06 E.C.N. #11148.		Α
ĺ	10.19.06			В
	02.13.12 E.C.N. #10BRDR & REDRAWN.			0

ELECTRO-OPTICAL CHARACTERISTICS Ta=25°C If=20mA PARAMETER TYP UNITS TEST COND PEAK WAVELENGTH 635 FORWARD VOLTAGE 2.0 2.5 Vf REVERSE VOLTAGE 5.0 ۷r Ir=100µA AXIAL INTENSITY 80 If=20mA mcd VIEWING ANGLE 30 2x theta EMITTED COLOR: EPOXY LENS FINISH: WATER CLEAR

LIMITS OF SAFE 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.
* +<10uS		

*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.= $^{+0.00}_{-0.00}$ 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: 02.13.12 DRAWN BY: AΒ PAGE: 1 OF 1 CHKD BY: KF SCALE: NTS APRVD BY: SS UNIT: mm [INCH] (Pb)

Mouser Electronics

Authorized Distributor

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