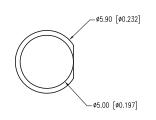
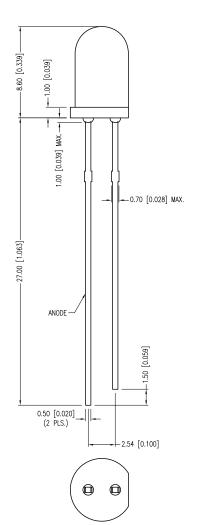
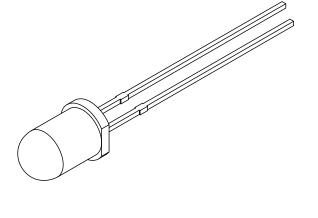
UNCONTROLLED DOCUMENT







PART NUMBER	SSL-LX5093SBC/A REV.	О
DATE	E.C.N. NUMBER AND REVISION COMMENTS	REV.
12.11.96	E.C.N. #10283.	Α
05.31.01	E.C.N. #10BRDR. & REDRAWN.	В
10.23.06	E.C.N. #11148.	С
09.04.12	E.C.N. #10BRDR. & REDRAWN.	D

ELECTRO-OPTICAL CHARACTERISTICS Ta=25°C If=20mA PARAMETER TYP UNITS TEST COND PEAK WAVELENGTH 430 FORWARD VOLTAGE 4.5 5.5 Vf REVERSE VOLTAGE 5.0 Vr Ir=100µA AXIAL INTENSITY 100 If=20mA mcd VIEWING ANGLE 30 2x theta EMITTED COLOR: RLUE

LIMITS OF SAFE OPERATION AT 25°C		
PARAMETER	MAX	UNITS
PEAK FORWARD CURRENT*	100	mA
STEADY CURRENT	30	mA
POWER DISSIPATION	98	mW
DERATE FROM 25°C	-1.0	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		

CAUTION: STATIC SENSITIVE DEVICE
FOLLOW PROPER E.S.D. HANDLING PROCEDURES
WHEN WORKING WITH THIS PART.

EPOXY LENS FINISH: WATER CLEAR

\*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=  $\frac{+0.00}{-0.00}$  PRECISION MAX. =  $\frac{+0.00}{-0.00}$  PRECISION ARE: X=±1 (±0.039), X.X=±0.5 (±0.020), X.XX=±0.5 (±0.010), X.XXX=±0.127 (±0.005). LEAD SIZE=±0.05 (±0.002), LEAD LENGTH=±0.75 (±0.030). MIN=  $\frac{+0.00}{-0.00}$  PRECISION MAX. =  $\frac{+0.00}{-0.00}$  PRECISION ARE: X=±1 (±0.039), X.X=±0.5 (±0.020), X.XX=±0.5 (±0.010), X.XXX=±0.127 (±0.005). LEAD SIZE=±0.05 (±0.002), LEAD LENGTH=±0.75 (±0.030). MIN=  $\frac{+0.00}{-0.00}$  PRECISION MAX. =  $\frac{+0.00}{-0.00}$  PRECISION MAX. =



CARY AVE.

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QUASARBRITE T-5mm (T-1 3/4) 430nm BLUE LED, WATER CLEAR LENS.

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

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