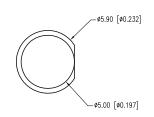
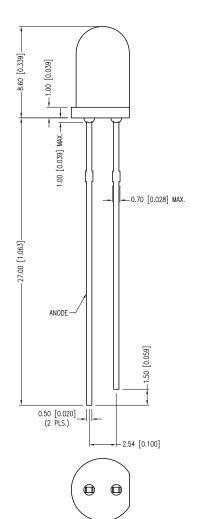
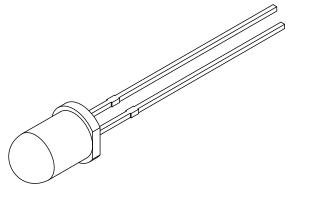
UNCONTROLLED DOCUMENT







PART NUMBER	SSL-LX5093LGT-11	REV.	D
DATE	E.C.N. NUMBER AND REVISION COMMENTS		REV.
11.28.95	ADDED MIN, MAX WAVELENGTHS.		Α
05.25.01	E.C.N. #10BRDR. & REDRAWN IN 3D.		В
10.23.06	E.C.N. #11148.		С
02.16.12	E.C.N. #10BRDR. & REDRAWN.		D

ELECTRO-OPTICAL CHARACTERISTICS Ta=25°C If=20mA PARAMETER TYP UNITS TEST COND 569 PEAK WAVELENGTH 561 565 FORWARD VOLTAGE 2.2 2.6 Vf REVERSE VOLTAGE 5.0 ۷r Ir=100µA AXIAL INTENSITY If=20mA mcd 1.0 mcd If=2mA VIEWING ANGLE 30 2x theta EMITTED COLOR: GREEN EPOXY LENS FINISH: GREEN TRANSPARENT

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<10C		

\*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 (±0.001), X.XXX=±0.127 (±0.005). LEAD SIZE=±0.05 (±0.002), LEAD SIZE=±0.05 (±0.003). MIN=  $^{+DECIMAL}_{-0.00}$  PRECISION MAX.=  $^{+0.00}_{-0.00}$  PRECISION MAX.=  $^{+0.00}_{-0.00}$ 

UNCONTROLLED DOCUMENT

QUASARBRITE T-5mm (T-1 3/4) 565nm GREEN LED, GREEN TRANSPARENT LENS, LOW CURRENT SELECTION.

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

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DATE: 02.16.12 DRAWN BY: AΒ PAGE: 1 OF 1 CHKD BY: DT SCALE: NTS APRVD BY: KF UNIT: mm [INCH] (Pb)

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