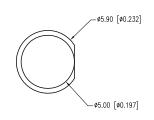
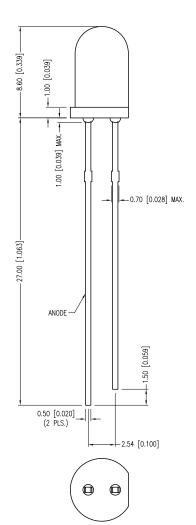
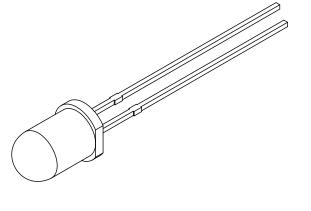
UNCONTROLLED DOCUMENT







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

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 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.	

\* t<10µS

\*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



425 N. GARY AVE. CAROL STREAM, IL 60188-4900 PHONE: +1.800.278.5666 FAX: +1.630.315.2152 WEB: WWW.LUMEX.COM MEMBER OF ITW PHOTONICS GROUP 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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