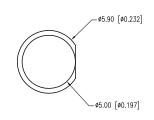
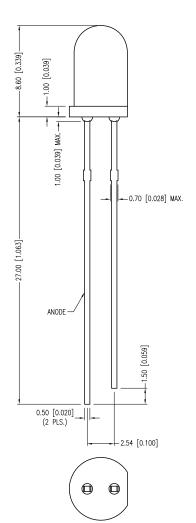
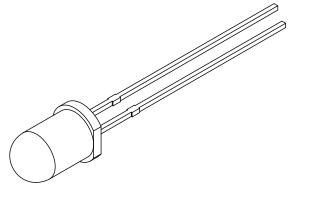
UNCONTROLLED DOCUMENT







1	PART NUMBER	SSL-LX5093GT-5V	REV.	С
İ	DATE	DATE E.C.N. NUMBER AND REVISION COMMENTS		REV.
İ	05.29.01	E.C.N. #10BRDR. & REDRAWN.		Α
ĺ	10.19.06 E.C.N. #11148.			В
ſ	02.01.12	E.C.N. #10BRDR. & REDRAWN.		С

ELECTRO-OPTICAL CHARACTERISTICS Ta=25°C If=5V PARAMETER TYP UNITS TEST COND PEAK WAVELENGTH 565 FORWARD VOLTAGE 5.0 7.0 Vf REVERSE VOLTAGE 5.0 Vr ام اr=100 ا AXIAL INTENSITY 80 If=5V mcd 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 VOLTAGE	7.0	٧
STEADY CURRENT	12	mA
POWER DISSIPATION	310	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.

\*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 (±0.002), LEAD SIZE=±0.05 (±0.003). MIN=  $^{+DECIMAL}_{-0.00}$  PRECISION MAX.=  $^{+0.00}_{-0.00}$  PRECISIO 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, 5 VOLT OPERATION.

\*\*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)