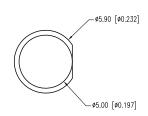
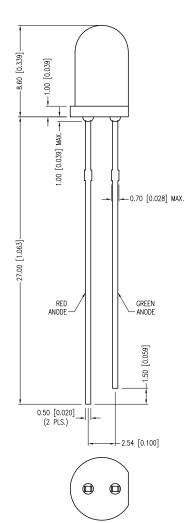
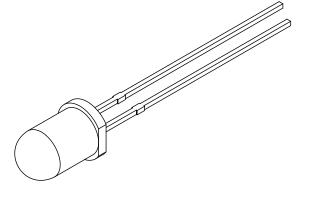
UNCONTROLLED DOCUMENT







PART NUMBER	SSL-LX5093IGW-5V	REV.	В
DATE	E.C.N. NUMBER AND REVISION COMMENTS		REV.
10.20.06	E.C.N. #11148.		Α
02.13.12	E.C.N. #10BRDR & REDRAWN.		В

EPOXY LENS FINISH: MILKY WHITE DIFFUSED

2.0mm FROM BODY

ELECTRO-OPTICAL CHARACTERISTICS Ta=25°C Vf=5V PARAMETER TYP UNITS TEST COND PEAK WAVELENGTH (R/G) 635/565 FORWARD VOLTAGE 5.0 7.0 Vf REVERSE VOLTAGE ۷r Ir=100µA AXIAL INTENSITY 20 Vf=5V mcd VIEWING ANGLE 60 2x theta EMITTED COLOR: RED/GREEN

LIMITS OF SAFE OPERATION AT 25°C PARAMETER MAX UNITS PEAK FORWARD VOLTAGE 7.0 12 STEADY CURRENT mΑ POWER DISSIPATION 315 mW -1.2mW/*C DERATE FROM 25°C -40 TO +85 °C: OPERATING TEMP. STORAGE TEMP. -40 TO +85 •c SOLDERING TEMP. +260 ·C

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 (±0.003). MIN= $^{+DECIMAL}_{-0.00}$ PRECISION MAX.= $^{+0.00}_{-0.00}$ 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) 635/565nm RED/GREEN LED, MILKY WHITE DIFFUSED LENS, 5V OPERATION.

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)