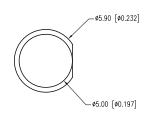
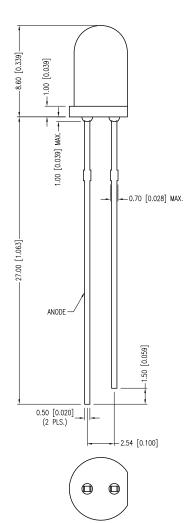
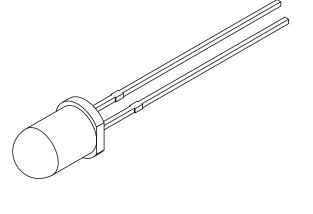
UNCONTROLLED DOCUMENT







PART NUMBER	SSL-LX5093SIC-12V		В
DATE	E.C.N. NUMBER AND REVISION COMMENTS		REV.
10.23.06	E.C.N. #11148.		Α
09.19.12	E.C.N. #10BRDR. & REDRAWN.		В

ELECTRO-OPTICAL CHARACTERISTICS Ta=25°C Vf=12V PARAMETER TYP MAX UNITS TEST COND PEAK WAVELENGTH 636 FORWARD VOLTAGE 12.0 14.0 ۷f REVERSE VOLTAGE 5.0 ۷r Ir=100µA AXIAL INTENSITY 1000 mcd Vf = 12VVIEWING ANGLE 30 2x theta EMITTED COLOR: RED LENS FINISH: WATER CLEAR

LIMITS OF SAFE OPERATION AT 25°C		
PARAMETER	MAX	UNITS
PEAK FORWARD VOLTAGE	14	V
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.= $^{+0.00}_{-0.00}$ MIN= $^{+0.00}_{-0.00}$ 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.= $^{+0.00}_{-0.00}$ PRECISION MA 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) 636nm RED LED, WATER CLEAR LENS, 12V OPERATION.

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

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	ATE:	09.19.12	DRAWN BY:	AB
F	AGE:	1 OF 1	CHKD BY:	KF
S	CALE:	NTS	APRVD BY:	KF
τ	JNIT: 1	mm [INCH]	(Pb)	