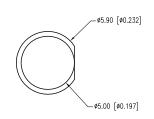
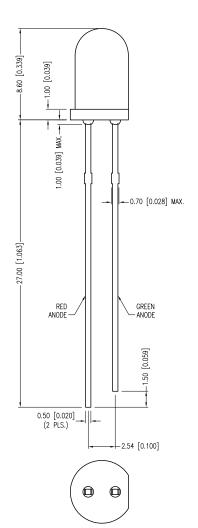
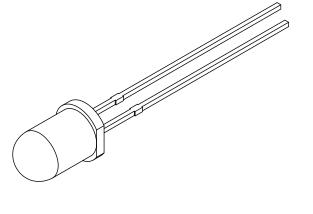
UNCONTROLLED DOCUMENT







PART NUMBER	SSL-LX5093SISUGW		В
DATE	E.C.N. NUMBER AND REVISION COMMENTS		REV.
10.24.06	E.C.N. #11148.		Α
09.19.12	E.C.N. #10BRDR. & REDRAWN.		В

ELECTRO-OPTICAL CHARACTERISTICS Ta=25°C If=20mA PARAMETER TYP MAX UNITS TEST COND PEAK WAVELENGTH 636/574 (R/G) 2.0/2.2 FORWARD VOLTAGE (R/G) 2.5/2.6 Vf REVERSE VOLTAGE ۷r ام اr=100 ا AXIAL INTENSITY (R/G) 350/100 If=20mA mcd VIEWING ANGLE 60 2x theta

EMITTED COLOR: RED/GREEN
EPOXY LENS FINISH: MILKY WHITE

LIMITS OF SAFE OPERATION AT 25°C

PARAMETER	MAX	UNITS
PEAK FORWARD CURRENT*	150	mA
STEADY CURRENT (R/G)	30/25	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.
1.1.10.0		

\* 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 PRECISION (±0.005), X.XX=±0.25 (±0.010), X.XXX=±0.25 (±0.010), X.XXX=±0.127 (±0.005).	$^{ m ON}$ MAX.= $^{+0.00}_{- m DECIMAL}$ PRECISION	UNCONTROLLEI	D DOCUMENT
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AL SIREAM, IL 60188-4900

WE: +1.80.0.278.5666

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

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QUASARBRITE T-5mm (T-1 3/4) 636/574nm SUPER RED/GREEN LED, MILKY WHITE DIFFUSED LENS.

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

Creating LED and LCD Solutions Together

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