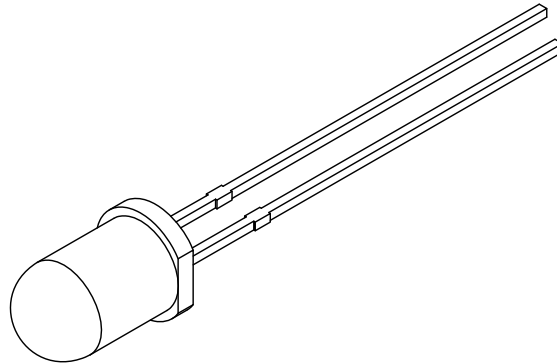
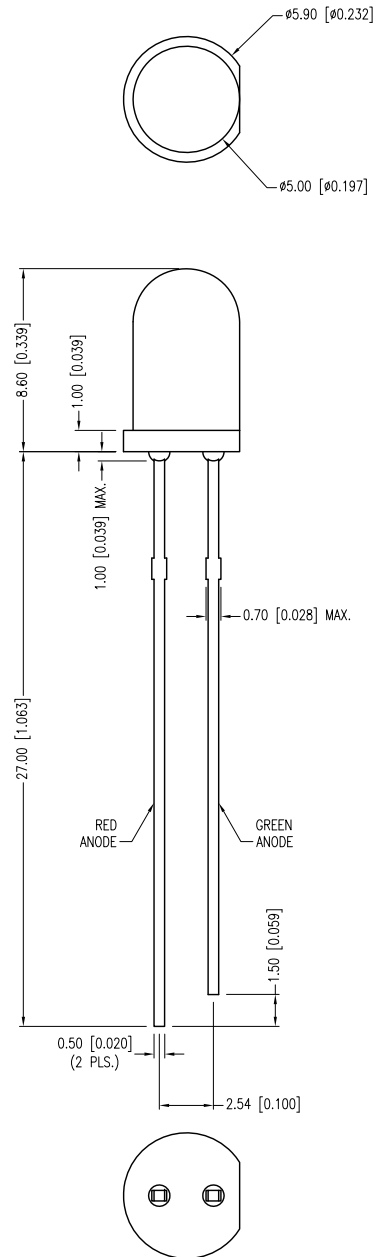


PART NUMBER	SSL-LX5093IGW	REV.	D
DATE	E.C.N. NUMBER AND REVISION COMMENTS		REV.
02.13.95	UPDATED SPECS.		A
05.24.01	E.C.N. #10BRDR. & REDRAWN IN 3D.		B
10.20.06	E.C.N. #11148.		C
02.13.12	E.C.N. #10BRDR & REDRAWN.		D



ELECTRO-OPTICAL CHARACTERISTICS Ta=25°C If=20mA		MIN	TYP	MAX	UNITS	TEST COND
PEAK WAVELENGTH	(R/G)		635/565		nm	
FORWARD VOLTAGE	(R/G)		2.0/2.2	2.5/2.6	Vf	
REVERSE VOLTAGE		5.0			Vr	Ir=100µA
AXIAL INTENSITY	(R/G)		30/20		mcd	If=20mA
VIEWING ANGLE			30		2x theta	
EMITTED COLOR:	RED/GREEN					
EPOXY LENS FINISH:	MILKY WHITE DIFFUSED					

## 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.

\* t&lt;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= <sup>+0.00</sup>DECIMAL PRECISION MAX= <sup>-0.00</sup>DECIMAL PRECISION

UNCONTROLLED DOCUMENT



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MEMBER OF ITW PHOTONICS GROUP

QUASARBRITE T-5mm (T-1 3/4) 635/565nm RED/GREEN LED, MILKY WHITE DIFFUSED.

\*\*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:	AB
PAGE:	1 OF 1	CHKD BY:	KF
SCALE:	NTS	APRVD BY:	SS
UNIT:	mm [INCH]		Ⓟ

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