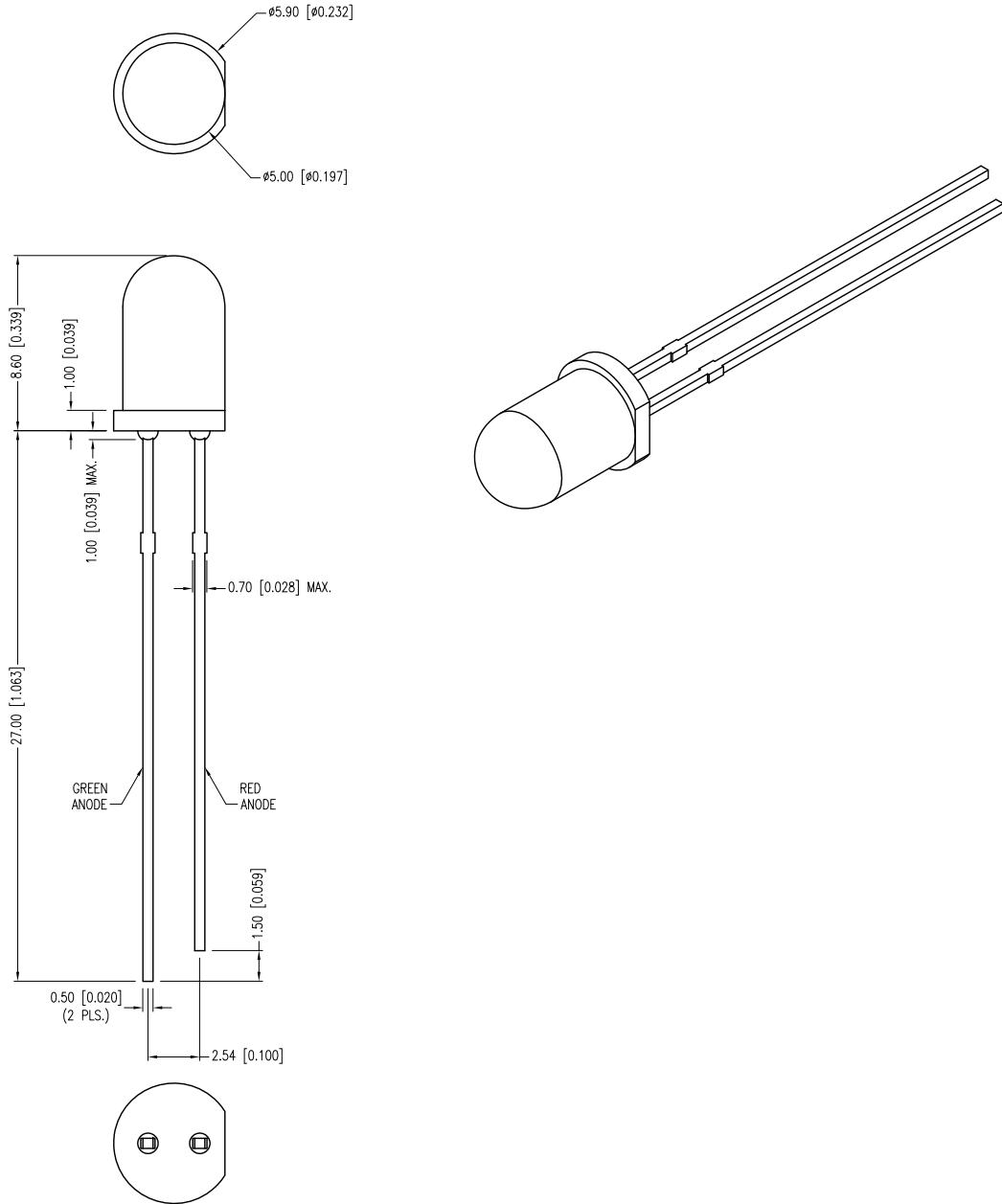


PART NUMBER	SSL-LX5093GHW			REV.
DATE	E.C.N. NUMBER AND REVISION COMMENTS			REV.
07.09.92	REDRAWN.			A
09.12.93	UPDATED SPECS.			B
05.29.01	E.C.N. #10BRDR. & REDRAWN IN 3D.			C
10.19.06	E.C.N. #11148.			D
02.01.12	E.C.N. #10BRDR. & REDRAWN.			E



ELECTRO-OPTICAL CHARACTERISTICS $T_a=25^\circ\text{C}$ $I_f=20\text{mA}$				
PARAMETER	MIN	TYP	MAX	UNITS
PEAK WAVELENGTH (G/R)	565/700			nm
FORWARD VOLTAGE (G/R)	2.2/2.0		2.6/2.5	Vf
REVERSE VOLTAGE	5.0			Vr
AXIAL INTENSITY (G/R)	10			mcd
VIEWING ANGLE	60			2x theta
EMITTED COLOR:	GREEN/RED			
LENS FINISH:	MILKY WHITE DIFFUSED			

LIMITS OF SAFE OPERATION AT 25°C		
PARAMETER	MAX	UNITS
PEAK FORWARD CURRENT*	150	mA
STEADY CURRENT	25	mA
POWER DISSIPATION (G/R)	105/120	mW
DERATE FROM 25°C	-1.2	mW/ $^\circ\text{C}$
OPERATING TEMP.	-40 TO +85	$^\circ\text{C}$
STORAGE TEMP.	-40 TO +85	$^\circ\text{C}$
SOLDERING TEMP.	+260	$^\circ\text{C}$
2.0mm FROM BODY	3	SEC.

* $I < 10\mu\text{s}$ *UNLESS OTHERWISE SPECIFIED TOLERANCES PER DECIMAL PRECISION ARE: $X=\pm 1$ (± 0.039), $X.X=\pm 0.5$ (± 0.020), $X.XX=\pm 0.25$ (± 0.010), $X.XXX=\pm 0.127$ (± 0.005). LEAD SIZE= ± 0.05 (± 0.002), LEAD LENGTH= ± 0.75 (± 0.030). MIN= $-\text{0.00}$ MAX= $+\text{0.00}$

UNCONTROLLED DOCUMENT



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QUASARBRITE T-5mm (T-1 3/4) 565nm GREEN/700nm RED LED, MILKY WHITE DIFFUSED LENS.

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: AB
PAGE: 1 OF 1	CHKD BY: KF
SCALE: NTS	APRVD BY: KF
UNIT: mm [INCH]	NO

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