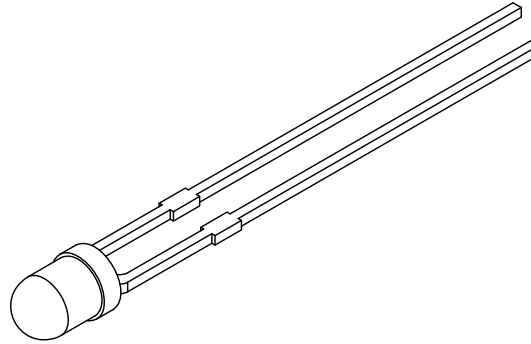
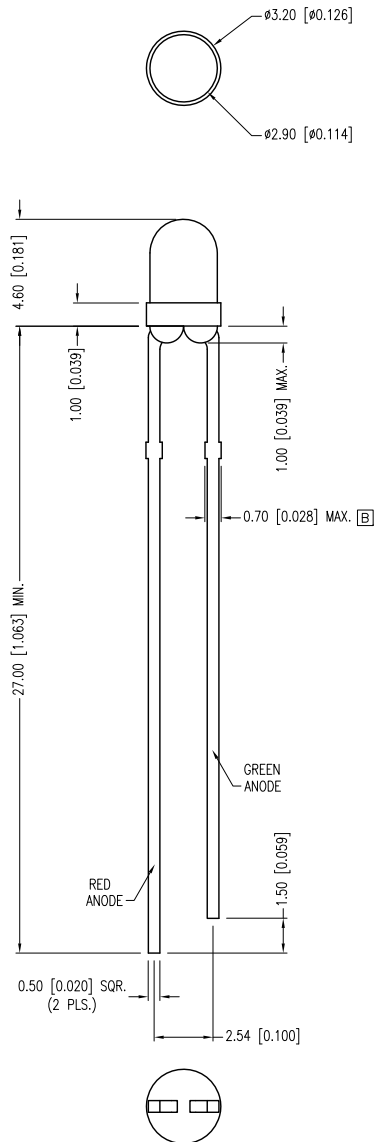


PART NUMBER	SSL-LX3044HGW	REV.	B
DATE	E.C.N. NUMBER AND REVISION COMMENTS		REV.
03.01.01	E.C.N. #10BRDR. & REDRAWN.		A
04.05.11	E.C.N. #10BRDR. & REDRAWN/#11703.		B



ELECTRO-OPTICAL CHARACTERISTICS TA =25°C		If=20mA		UNITS	TEST COND
PARAMETER	MIN	TYP.	MAX		
PEAK WAVELENGTH (R/G)		700/565		nm	
FORWARD VOLTAGE (R/G)		2.0/2.5	2.5/2.6	Vf	
REVERSE VOLTAGE	5.0			Vr	Ir=100µA
AXIAL INTENSITY (R/G)		4/8		mcd	If=20mA
VIEWING ANGLE		60		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	25	mA
POWER DISSIPATION	105	mW
DERATE FROM 25°C	-1.6	mW/°C
OPERATING TEMP.	-40 TO +85	°C
STORAGE TEMP.	-40 TO +85	°C
SOLDERING TEMP.	+260	°C
2.0mm FROM BODY	3	SEC. MAX.

\* 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.= +DECIMAL PRECISION MAX.= +DECIMAL PRECISION -0.00 -DECIMAL PRECISION

UNCONTROLLED DOCUMENT



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T-3mm (T-1) 700nm RED/565nm GREEN BI-COLOR 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:	04.05.11	DRAWN BY:	AB
PAGE:	1 OF 1	CHKD BY:	KF
SCALE:	NTS	APRVD BY:	KF
UNIT:	mm [INCH]		Ⓟ

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