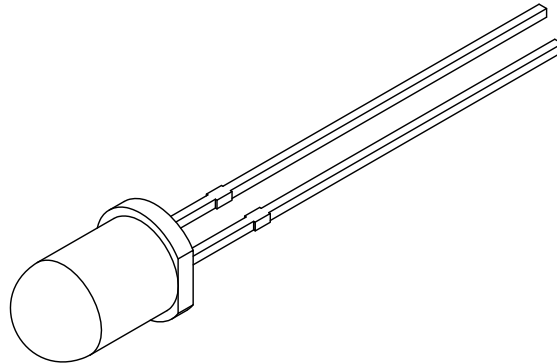
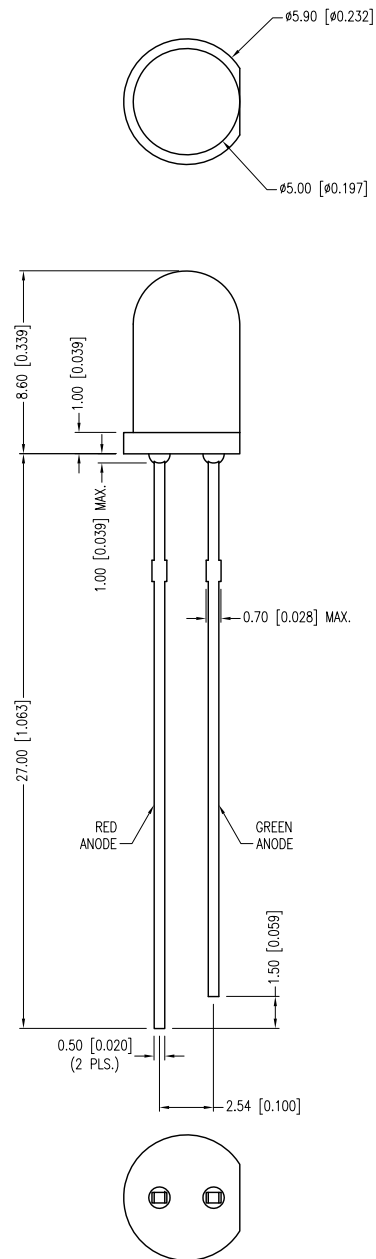


PART NUMBER	SSL-LX5093HGW	REV.	C
DATE	E.C.N. NUMBER AND REVISION COMMENTS		REV.
05.25.01	E.C.N. #10BRDR. & REDRAWN IN 3D.		A
10.19.06	E.C.N. #11148.		B
02.13.12	E.C.N. #10BRDR. & REDRAWN/#11736.		C



ELECTRO-OPTICAL CHARACTERISTICS Ta=25°C If=20mA					
PARAMETER	MIN	TYP	MAX	UNITS	TEST COND
PEAK WAVELENGTH	(R/G)	700/565		nm	
FORWARD VOLTAGE	(R/G)	2.0/2.2	2.5/2.6	Vf	
REVERSE VOLTAGE	5.0			Vr	If=100μA
AXIAL INTENSITY	3	5		mcd	If=20mA
VIEWING ANGLE		60		2x theta	
EMITTED COLOR:	RED/GREEN				
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 (R/G)	120/105	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<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

UNCONTROLLED DOCUMENT