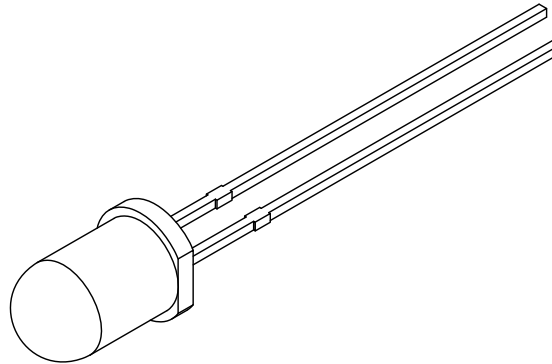
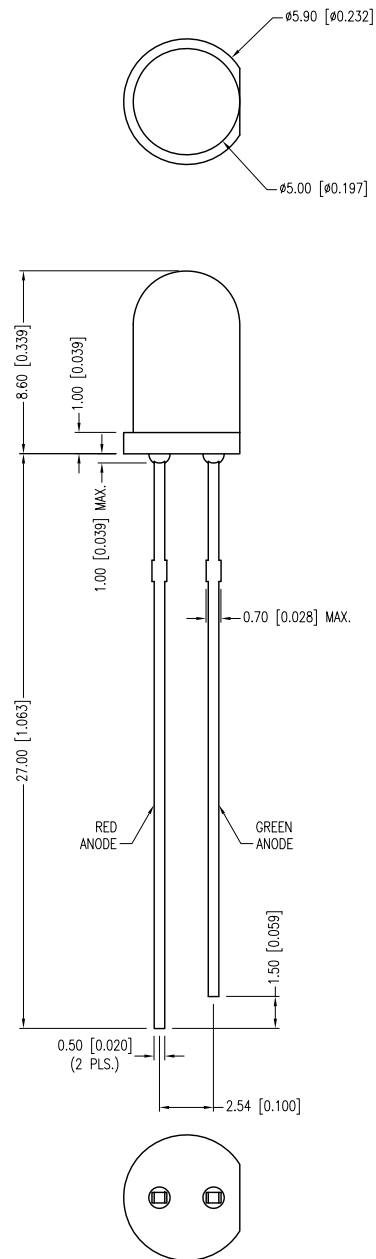


PART NUMBER	SSL-LX5093SRSGC	REV.	C
DATE	E.C.N. NUMBER AND REVISION COMMENTS		REV.
05.31.01	E.C.N. #10BRDR. & REDRAWN IN 3D.		A
10.25.06	E.C.N. #11148.		B
09.27.12	E.C.N. #10BRDR. & REDRAWN.		C



ELECTRO-OPTICAL CHARACTERISTICS Ta=25°C If=20mA					
PARAMETER	MIN	TYP	MAX	UNITS	TEST COND
PEAK WAVELENGTH (R/G)		660/565		nm	
FORWARD VOLTAGE (R/G)		1.7/2.2	2.2/2.6	Vf	
REVERSE VOLTAGE	4.0/5.0			Vr	If=100μA
AXIAL INTENSITY (R/G)		350/200		mcd	If=20mA
VIEWING ANGLE		30		2x theta	
EMITTED COLOR:	RED/GREEN				
EPOXY LENS FINISH:	WATER CLEAR				

LIMITS OF SAFE OPERATION AT 25°C

PARAMETER	MAX	UNITS
PEAK FORWARD CURRENT*	150	mA
STEADY CURRENT (R/G)	30/25	mA
POWER DISSIPATION (R/G)	100/105	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} _{-0.00} MAX= ^{+DECIMAL PRECISION} _{-DECIMAL PRECISION}

UNCONTROLLED DOCUMENT