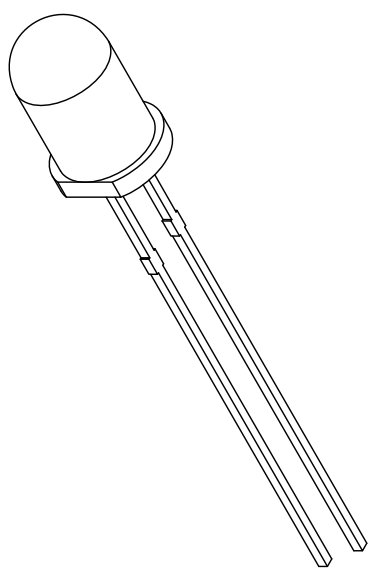
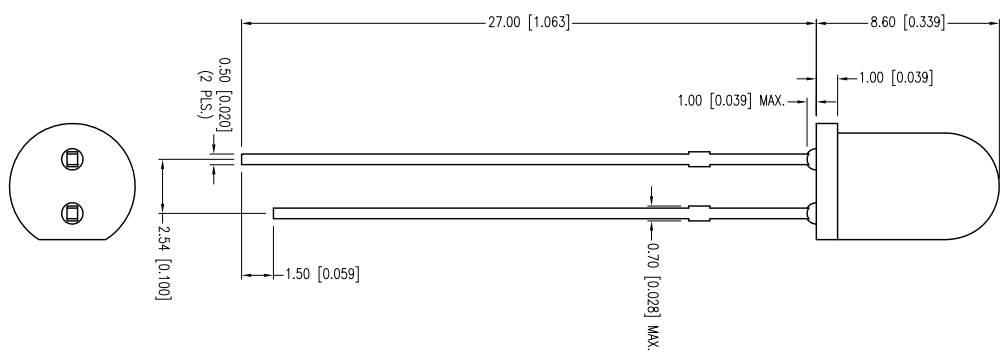
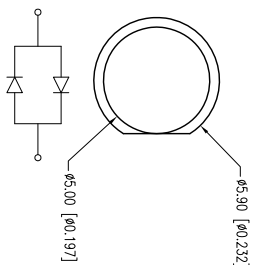


PART NUMBER	SSL-LX5093GGD	REV.	C
DATE	E.C.N. NUMBER AND REVISION COMMENTS	REV.	
05.29.01	E.C.N. #10BRDR. & REDRAWN IN 3D.	A	
10.19.06	E.C.N. #11148.	B	
02.01.12	E.C.N. #10BRDR. & REDRAWN.	C	



ELECTRO-OPTICAL CHARACTERISTICS $T_a=25^{\circ}\text{C}$ $I_f=20\text{mA}$

PARAMETER	MIN	TYP	MAX	UNITS	TEST COND
PEAK WAVELENGTH		565		nm	
FORWARD VOLTAGE		2.2	2.6	V _f	$I_f=100\mu\text{A}$
REVERSE VOLTAGE	5.0			V _r	$I_f=20\text{mA}$
AXIAL INTENSITY		10		md	
VIEWING ANGLE		60		2x theta	
EMITTED COLOR:		GREEN			
LENS FINISH:		GREEN DIFFUSED			

LIMITS OF SAFE OPERATION AT 25°C

PARAMETER	MAX	UNITS
PEAK FORWARD CURRENT*	150	mA
STEADY CURRENT (G/Y)	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.

* I<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 (±0.009), LEAD SIZE=±0.05 (±0.002), LEAD LENGTH=±0.75 (±0.030), MIN.= -0.00, DECIMAL PRECISION

UNCONTROLLED DOCUMENT

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QUASARBRITE T-5mm (T-1 3/4) 565nm GREEN, BIPOLAR LED, GREEN 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]		