



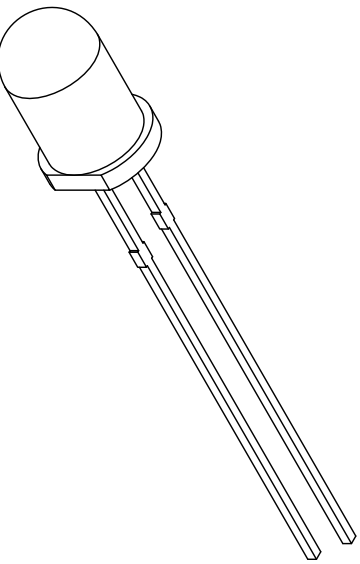
**THE DATASHEET OF  
SSL-LX5093LGT**



PART NUMBER	SSL-LX5093LGT	REV.	C
DATE	E.C.N. NUMBER AND REVISION COMMENTS	REV.	
05.25.01	E.C.N. #10BRDR. & REDRAWN IN 3D.	A	
10.23.06	E.C.N. #11148.	B	
02.16.12	E.C.N. #10BRDR. & REDRAWN.	C	

[60.232]

[60.197]



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

PARAMETER	MIN	TPP	MAX	UNITS	TEST COND
PEAK WAVELENGTH		565		nm	
FORWARD VOLTAGE		2.2	2.6	Vf	$I_f=100\mu\text{A}$
REVERSE VOLTAGE	5.0			Vr	$I_f=20\text{mA}$
AXIAL INTENSITY		80		md	$I_f=20\text{mA}$
	1.0			md	$I_f=2\text{mA}$
VIEWING ANGLE		30		$2\alpha$ theta	
EMITTED COLOR:	GREEN				
EPOXY LENS FINISH:	GREEN TRANSPARENT				

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	-1.2	mW/°C
OPERATING TEMP.	-40 TO +85	°C
STORAGE TEMP.	-40 TO +95	°C
SOLDERING TEMP.	+260	°C
2.0mm FROM BODY	3	SEC.

\* I<10µs

MAX.

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.= +DECIMAL PRECISION MAX.= +DECIMAL PRECISION

UNCONTROLLED DOCUMENT

DATE:	02.16.12	DRAWN BY:	AB
PAGE:	1 OF 1	CHKD BY:	DT
SCALE:	NTS	APRVD BY:	KF
UNIT:	mm [INCH]		

QUASARBRITTE T-5mm (T-1 3/4) 565nm GREEN LED, GREEN TRANSPARENT LENS, LOW CURRENT SELECTION.

\*\*THE SPECIFICATIONS MAY CHANGE AT ANY TIME WITHOUT NOTICE DUE TO NEW MATERIALS OR PRODUCT IMPROVEMENT\*\*

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