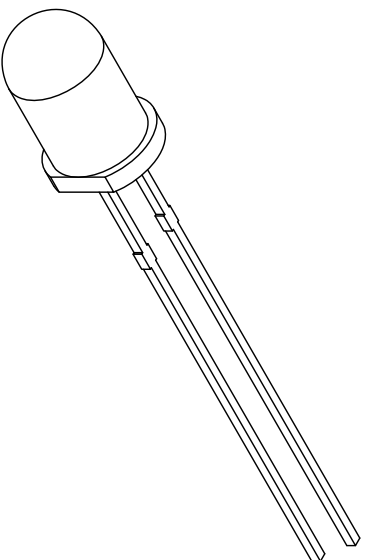


PART NUMBER	SSL-LX5093SWC/A		REV.	B
DATE	E.C.N. NUMBER AND REVISION COMMENTS		REV.	
10.25.06	E.C.N. #11148.		A	
09.28.12	E.C.N. #10BRDR. & REDRAWN.		B	



00197]

[00232]

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

PARAMETER	MIN	TPP	MAX	UNITS	TEST COND
PEAK WAVELENGTH		550		nm	
FORWARD VOLTAGE		3.6	4.0	Vf	$I_f=20\text{mA}$
REVERSE VOLTAGE	5.0			Vr	$I_r=10\mu\text{A}$
AXIAL INTENSITY		200		mcd	$I_f=20\text{mA}$
CHROMATICITY (X)		0.31			
COORDINATES (Y)**		0.32			$I_f=20\text{mA}$
VIEWING ANGLE		16		2x theta	
EMITTED COLOR:		WHITE			
LENS FINISH:		WATER CLEAR			

*AXIAL INTENSITY TESTING CONDITION 550nm WAVELENGTH.
 **THE ICI STANDARD COLORIMETRIC SYSTEM.

LIMITS OF SAFE OPERATION AT 25°C

PARAMETER	MAX	UNITS
PEAK FORWARD CURRENT*	150	mA
STEADY CURRENT	30	mA
POWER DISSIPATION	120	mW
DERATE FROM 25°C	-1.0	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

CAUTION: STATIC SENSITIVE DEVICE
 FOLLOW PROPER E.S.D. HANDLING PROCEDURES
 WHEN WORKING WITH THIS PART.

MAX.

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.= -0.001 DECMAL PRECISION MAX.= +0.001 DECMAL PRECISION

Y AFE
 PAN, TL 60188-4900
 800.278.5666
 3.15.2152
 LUXEY.COM
 /TW PHOTONICS GROUP

QUASARBRITE T-5mm (T-1 3/4) SUPER WHITE LED, WATER CLEAR LENS.

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

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DATE:	09.28.12	DRAWN BY:	AB
PAGE:	1 OF 1	CHKD BY:	KF
SCALE:	NTS	APRVD BY:	KF
UNIT:	mm [INCH]		



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