



PART NUMBER	SSL-LX5093LIT-11	REV.	D
DATE	E.C.N. NUMBER AND REVISION COMMENTS		REV.
11.28.95	ADDED MIN, MAX WAVELENGTHS.		A
05.25.01	E.C.N. #10BRDR. & REDRAWN IN 3D.		В
10.23.06	E.C.N. #11148.		С
02.16.12	E.C.N. #10BRDR. & REDRAWN.		D

ELECTRO-OPTICAL CH	ARACTERISTICS Ta=25*	C If=20mA			
PARAMETER	MIN	TYP	MAX	UNITS	TEST CON
PEAK WAVELENGTH		635		nm	
FORWARD VOLTAGE		2.0	2.5	Vf	
REVERSE VOLTAGE	5.0			Vr	lr=100µ
AXIAL INTENSITY		200		mcd	lf=20m/
	4.0			mcd	lf=2mA
VIEWING ANGLE		30		2x theta	
EMITTED COLOR:	RED				
EPOXY LENS FINISH:	RED TRANSPARENT				

PARAMETER	MAX	UNITS
PEAK FORWARD CURRENT*	150	mA
STEADY CURRENT	30	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.

*L	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.= +0.00 -DECIMAL PRECISION	UNCONTROLLED	DOCUMET
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*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= $\frac{+0.020}{-0.000}$ MAX.= $\frac{+0.00}{-0.000}$ MAX.= $\frac{+0.00}{-0.000$						
425 N. GARY AVE. CAROL STREAM, IL 60188-4900	QUASARBRITE T-5mm (T-1 3/4) 635nm RED LED, RED TRANSPARENT LENS, LOW CURRENT SELECTION.	DATE: 02.16.12	DRAWN BY: AB	В		
CAPU STREAM, IL, 60188–4900 PHONE: +1.800.278.5666 FAX: +1.630.315.2152 WEEB: WWW.LUMEX.COM MEMBER OF <i>ITW</i> PHOTONICS GROUP	**THE SPECIFICATIONS MAY CHANGE AT ANY TIME WITHOUT NOTICE DUE TO NEW MATERIALS OR PRODUCT IMPROVEMENT.**	PAGE: 1 OF 1	CHKD BY: DI	Т		
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		UNIT: mm [INCH]	R			

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