



PART NUMBER	SSL-LX5093LID	REV.	Е
DATE	E.C.N. NUMBER AND REVISION COMMENTS		REV.
05.15.90	CHG'D AXIAL INTENSITY.		А
01.06.95	REDRAWN, UPDATED SPECS.		В
05.25.01	E.C.N. #10BRDR. & REDRAWN IN 3D.		С
10.23.06	E.C.N. #11148.		D
02.16.12	E.C.N. #10BRDR. & REDRAWN.		E

	HARACTERISTICS Ta=25				
PARAMETER	MIN	TYP	MAX	UNITS	TEST CO
PEAK WAVELENGTH		635		nm	
FORWARD VOLTAGE		2.0	2.5	Vf	
REVERSE VOLTAGE	5.0			Vr	lr=100µ
AXIAL INTENSITY		40		mcd	lf=20m
	1.0			mcd	lf=2m/
VIEWING ANGLE		60		2x theta	
EMITTED COLOR:	RED				
EPOXY LENS FINISH:	RED DIFFUSED				

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.

*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). LEA	AD SIZE= ± 0.05 (± 0.002), LEAD LENGTH= ± 0.75 (± 0.030). MIN= $\frac{+DECIMAL}{-DC0}$ MAX.= $\frac{+0.00}{-DECIMAL}$ PRECISION	UNCONTROLLED	DOCUMEN

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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= +DECIMAL PRECISION MAX.= +0.00 +DECIMAL PRECI							
	425 N. GARY AVE. CAROL STREAM, IL 60188–4900 PHONE: +1.800.278.5666 FAX: +1.630.315.2152 WEB: WWW.LUMEX.COM WEBER OF ITW PHOTONICS GROUP	QUASARBRITE T-5mm (T-1 3/4) 635nm RED LED, RED DIFFUSED LENS, LOW CURRENT SELECTION.	DATE:	02.16.12	DRAWN BY:	AB	
		THE SPECIFICATIONS MAY CHANGE AT ANY TIME WITHOUT NOTICE DUE TO NEW MATERIALS OR PRODUCT IMPROVEMENT,	PAGE:	1 OF 1	CHKD BY:	DT	
		CONFIDENTIAL INFORMATION			APRVD BY:	KF	
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