



PART NUMBER	SSL-LX5093AD	REV.	D
DATE	E.C.N. NUMBER AND REVISION COMMENTS		REV.
02.10.95	UPDATED SPECS.		Α
05.30.01	E.C.N. #10BRDR. & REDRAWN IN 3D.		В
10.17.06	E.C.N. #11148.		С
10.19.11	E.C.N. #10BRDR. & REDRAWN.		D

PARAMETER	MIN	TYP	MAX	UNITS	TEST CO
PEAK WAVELENGTH		605		nm	
FORWARD VOLTAGE		2.0	2.5	Vf	
REVERSE VOLTAGE	5.0			Vr	Ir=100µ
AXIAL INTENSITY		30		mcd	lf=20m
VIEWING ANGLE		60		2x theta	
EMITTED COLOR:	AMBER				
EPOXY LENS FINISH:	AMBER 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). LEAD SIZE=±0.05 (±0.002), LEAD LENGTH=±0.75 (±0.030). MIN= $\frac{+DECIMAL}{-0.00}$ MAX.= $\frac{+0.00}{-DECIMAL}$ PRECISION MAX.= $\frac{+0.00}{-DECIMAL}$ PRECISION	UNCONTROLLED DOCUMENT
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	425 N. GARY AVE.	QUASARBRITE T-5mm (T-1 $3/4$) 605nm AMBER LED, AMBER DIFFUSED LENS.	DATE:	10.19.11	DRAWN BY:	AB	
ŀ	CRROL_STREAM, IL_60188-4900 PHONE: +1.800.278.5666 FAX: +1.500.315.2152 WEB: WWW.LUMEX.COM MEMBER OF <i>ITW</i> PHOTONICS GROUP	PHONE: +1.800.278.5666	**THE SPECIFICATIONS MAY CHANGE AT ANY TIME WITHOUT NOTICE DUE TO NEW MATERIALS OR PRODUCT IMPROVEMENT.**	PAGE:	1 OF 1	CHKD BY:	KF
		THE INFORMATION CONTAINED IN THIS DOCUMENT IS THE PROPERTY OF LUMEX INC. EXCEPT AS SPECIFICALLY AUTHORIZED IN WRITING BY LUMEX INC., THE HOLDER OF THIS DOCUMENT SHALL	SCALE:	NTS	APRVD BY:	KF	
Cn			UNIT:	mm [INCH]	R		

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