



PART NUMBER	SSL-LX5093HD-5V	REV.	D
DATE	E.C.N. NUMBER AND REVISION COMMENTS		REV.
02.10.95	UPDATED SPECS.		А
05.25.01	E.C.N. #10BRDR. & REDRAWN.		В
10.19.06	E.C.N. #11148.		С
02.08.12	E.C.N. #10BRDR. & REDRAWN.		D

PARAMETER	MIN	TYP	MAX	UNITS	TEST CO
PEAK WAVELENGTH		700		nm	
FORWARD VOLTAGE		5.0	7.0	Vf	
REVERSE VOLTAGE	5.0			Vr	Ir=100µ
AXIAL INTENSITY		3		mcd	lf=5V
VIEWING ANGLE		60		2x theta	
EMITTED COLOR:	RED				
EPOXY LENS FINISH:	RED DIFFUSED				

PARAMETER	MAX	UNITS
PEAK FORWARD VOLTAGE	7.0	٧
STEADY CURRENT	12	mA
POWER DISSIPATION	310	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.XX=±0.127 (±0.005). LEAD SIZE=±0.05 (±0.002), LEAD LENGTH=±0.75 (±0.030). MIN= +DECIMAL PRECISION MAX.= +D.00 + DECIMAL PRECISION + D.00 + DECIMAL PRECISION + D.00 + DECIMAL PRECISION + D.00 + D.	UNCONTROLLED DOCUMENT
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	425 N. GARY AVE. CAROL STREAM, IL 60188-4900 PHONE: +1.800.278.5666	QUASARBRITE T-5mm (T-1 3/4) 700nm RED LED, RED DIFFUSED LENS, 5 VOLT OPERATION.	DATE:	02.01.12	DRAWN BY:	AB		
		THE SPECIFICATIONS MAY CHANGE AT ANY TIME WITHOUT NOTICE DUE TO NEW MATERIALS OR PRODUCT IMPROVEMENT.		1 OF 1	CHKD BY:	KF		
		FAX: +1.630.315.2152 WEB: WWW.LUMEX.COM	CONFIDENTIAL INFORMATION	SCALE:	NTS	APRVD BY:	KF	
Creating LED and LCD Solutions Together™	MEMBER OF ITW PHOTONICS GROUP	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 KEEP ALL INFORMATION CONTAINED HEREIN CONFIDENTIAL AND SHALL PROTECT SAME IN WHOLE OR IN PART FROM DISCLOSURE AND DISSEMINATION TO ALL THIRD PARTIES.	UNIT:	mm [INCH]	R			

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Lumex: SSL-LX5093HD-5V