



PART NUMBER	SSL-LX5093GC	REV.	E
DATE	E.C.N. NUMBER AND REVISION COMMENTS		REV.
03.01.92	ADDED AXIAL INTENSITY TO TABLE.		А
05.08.96	E.C.N. #10112 #10113.		В
05.29.01	E.C.N. #10BRDR. & REDRAWN IN 3D.		С
10.19.06	E.C.N. #11148		D
02.01.12	E.C.N. #10BRDR. & REDRAWN.		E

PARAMETER	MIN	TYP	MAX	UNITS	TEST CO
PEAK WAVELENGTH		565		nm	
FORWARD VOLTAGE		2.2	2.6	Vf	
REVERSE VOLTAGE	5.0			Vr	Ir=100,
AXIAL INTENSITY		50		mcd	lf=20m
VIEWING ANGLE		30		2x theta	
EMITTED COLOR:	GREEN				
EPOXY LENS FINISH:	WATER CLEAR				

PARAMETER	MAX	UNITS
PEAK FORWARD CURRENT*	150	mA
STEADY CURRENT	25	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 = +DECIMAL PRECISION MAX.= +0.00 UNCONTROLLED DOCUME	1ENT
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	Creating LED and LCD Solutions Together"	QUASARBRITE T-5mm (T-1 $3/4$) 565nm GREEN LED, WATER CLEAR LENS.		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
		CONFIDENTIAL INFORMATION 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 DISCOSURE AND DISSEMINATION TO ALL THIRD PARTIES.	SCALE:	NTS	APRVD BY:	KF
			UNIT:	mm [INCH]	R	

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