

PART NUMBER	SSL-LX5093BSRD	REV.	D
DATE	E.C.N. NUMBER AND REVISION COMMENTS		REV.
05.29.01	E.C.N. #10BRDR. & REDRAWN IN 3D.		A
10.17.06	E.C.N. #11148.		B
01.25.12	E.C.N. #10BRDR. & REDRAWN.		C
06.14.13	E.C.N. #11863.		D

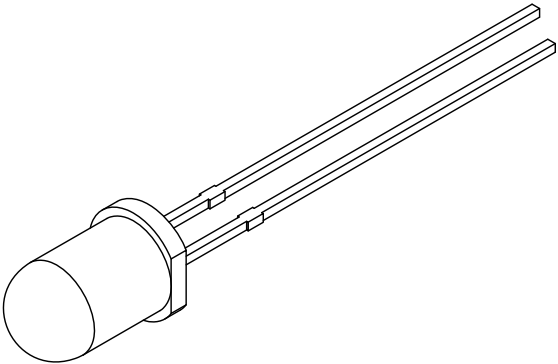
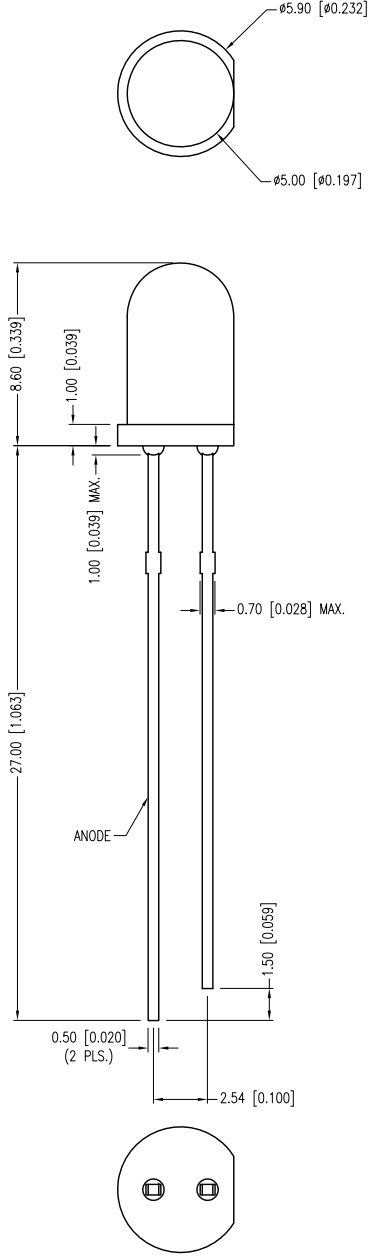
ELECTRO-OPTICAL CHARACTERISTICS Ta=25°C

PARAMETER	MIN	TYP	MAX	UNITS	TEST COND
PEAK WAVELENGTH		660		nm	
FORWARD VOLTAGE		3.5	14.0	Vf	
BLINKING FREQUENCY		1.5		Hz	Vf=14.0, If=44mA
		3.0		Hz	Vf=3.5, If=8mA
AXIAL INTENSITY		200		mcd	Vf=9.0
VIEWING ANGLE		60		2x theta	
EMITTED COLOR:	RED				
EPOXY LENS FINISH:	RED DIFFUSED				


LIMITS OF SAFE OPERATION AT 25°C

PARAMETER	MAX	UNITS
PEAK FORWARD CURRENT*	40	mA
STEADY CURRENT	20	mA
POWER DISSIPATION	310	mW
DERATE FROM 25°C	-1.2	mW/°C
OPERATING TEMP.	-40 TO +70	°C
STORAGE TEMP.	-40 TO +85	°C
SOLDERING TEMP.	+260	°C
2.0mm FROM BODY	3	SEC.

* t<10µS



*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.= -DECIMAL PRECISION

 Creating LED and LCD Solutions Together™	425 N. GARY AVE. CAROL STREAM, IL 60188-4900 PHONE: +1.800.278.5666 FAX: +1.630.315.2152 WEB: WWW.LUMEX.COM MEMBER OF ITW PHOTONICS GROUP	QUASARBRITE T-5mm (T-1 3/4) BLINKING 660nm SUPER RED LED, RED DIFFUSED LENS.		DATE: 01.25.12	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: 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 DISCLOSURE AND DISSEMINATION TO ALL THIRD PARTIES.		SCALE: NTS	APRVD BY: KF
				UNIT: mm [INCH]	Ⓟ

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