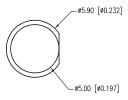
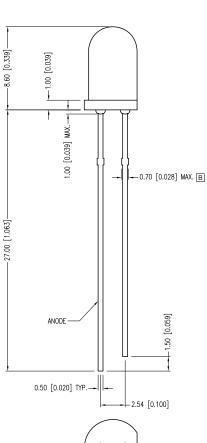
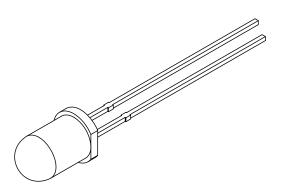
UNCONTROLLED DOCUMENT

PART NUMBER	SSL-LX5093USBC	REV.	В
DATE	E.C.N. NUMBER AND REVISION COMMENTS		REV.
05.14.01	E.C.N. #10BRDR. & REDRAWN.		Α
03.28.11	E.C.N. #11703/10BRDR. & REDRAWN.		В







В	ELECTRO-OPTICAL (CHARACTERISTICS Ta=25°C	If=20mA			
	PARAMETER	MIN	TYP	MAX	UNITS	TEST COND
	PEAK WAVELENGTH		470		nm	
	FORWARD VOLTAGE		3.3	4.0	Vf	
	REVERSE VOLTAGE	5.0			Vr	lr=100μA
	AXIAL INTENSITY	1900	3000		mcd	If=20mA
	VIEWING ANGLE		16		2x theta	
	EMITTED COLOR:	BLUE				
	LENS FINISH:	WATER CLEAR				

LIMITS OF SAFE OPERATION AT 25°C		
PARAMETER	MAX	UNITS
PEAK FORWARD CURRENT*	150	mA
STEADY CURRENT	30	mA
POWER DISSIPATION	120	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.
* t<10uS		

CAUTION: STATIC SENSITIVE DEVICE FOLLOW PROPER E.S.D. HANDLING PROCEDURES WHEN WORKING WITH THIS PART.

*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= $^{+0.00}_{-0.00}$ PRECISION MAX.= $^{+0.00}_{-0.00}$ PRECISION $^{+0.00}_{-0.00}$ MAX.= $^{+0.00}_{-0.00}$ PRECISION $^{-0.00}_{-0.00}$ PRECISION $^{-0.00}_{-0$ UNCONTROLLED DOCUMENT



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) 470nm ULTRA SUPER BLUE LED, WATER CLEAR LENS.

THE SPECIFICATIONS MAY CHANGE AT ANY TIME WITHOUT NOTICE DUE TO NEW MATERIALS OR PRODUCT IMPROVEMENT.

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DATE: 03.28.11 DRAWN BY: PAGE: 1 OF 1 CHKD BY: ВC SCALE: NTS APRVD BY: ВС UNIT: mm [INCH]

Mouser Electronics

Authorized Distributor

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