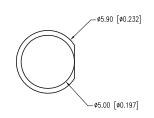
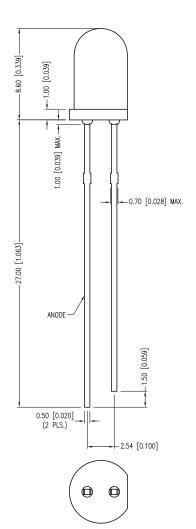
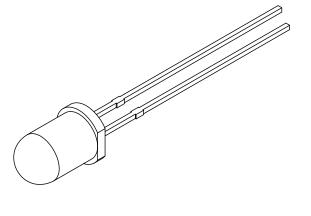
UNCONTROLLED DOCUMENT







_	PART NUMBER	SSL-LX5093BSRD	REV.	D	
	DATE	E.C.N. NUMBER AND REVISION COMMENTS			
	05.29.01	E.C.N. #10BRDR. & REDRAWN IN 3D.		Α	
	10.17.06	E.C.N. #11148.		В	
	01.25.12	E.C.N. #10BRDR. & REDRAWN.		С	
	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

LIMITS OF SALE OF LIVERION AT 25 0		
PARAMETER	MAX	UNITS
PEAK FORWARD CURRENT*	40	mΑ
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.= +0.00 (±0.020), X.XX=±0.127 (±0.005).	PRECISION UNCONTROLLED DOCUMENT
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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.

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

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ON	DIVC	UNITUL.	<u> </u>	ED DOCUMENT		
	DATE:	01.25.12		DRAWN BY:	AB	
	PAGE:	1 OF 1		CHKD BY:	KF	
	SCALE:	NTS	Ţ	APRVD BY:	KF	
	UNIT: mm [INCH]			(Po)		

Mouser Electronics

Authorized Distributor

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SSL-LX5093BSRD