



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}_{-0.00} MAX= ^{-0.00}_{-DECIMAL PRECISION} UNCONTROLLED DOCUMENT

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QUASARBRITE T-5mm (T-1 3/4) BLINKING 660nm SUPER RED LED, RED DIFFUSED LENS.

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SCALE: NTS
UNIT: mm [INCH]

DRAWN BY: AB
CHKD BY: KF
APRVD BY: KF
Ⓟ

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