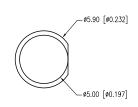
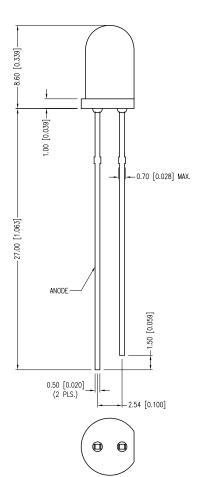
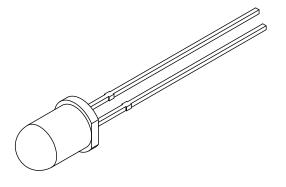
UNCONTROLLED DOCUMENT







	PART NUMBER	SSL-LX5093UEGC	REV.	В	
1	DATE	E.C.N. NUMBER AND REVISION COMMENTS			
	10.30.06	E.C.N. #11148.		Α	
	05.16.11	E.C.N. #10BRDR. & REDRAWN/#11718.		R	

Α	ELECTRO-OPTICAL	CHARACTERISTICS	TA =25°C	If= 20mA		
	PARAMETER	MIN	TYP.	MAX	UNITS	TEST COND
	PEAK WAVELENGTH		500		nm	
	FORWARD VOLTAGE		3.2	3.8	Vf	
	REVERSE VOLTAGE	5.0			Vr	Ir=100μA
	AXIAL INTENSITY	8000	12000		mcd	If=20mA
	VIEWING ANGLE		20		2x theta	
	EMITTED COLOR:	GREEN				
	EPOXY LENS FINISH	H: WATER	CLEAR			

A LIM	LIMITS OF SAFE OPERATION AT 25°C					
P/	RAMETER	MAX	UNITS			
PE	AK FORWARD CURRENT*	150	mA			
ST	EADY CURRENT	25	mA			
PC	OWER DISSIPATION	95	mW			
DE	RATE FROM 25°C	-1.2	mW/*C			
OF	PERATING TEMP.	-40 TO +85	·c			
ST	ORAGE TEMP.	-40 TO +85	•c			
SC	DLDERING TEMP.	+260	•c			
2.	Omm FROM BODY	3	SEC. MAX.			

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

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QUASARBRITE T-5mm (T-1 3/4) 500nm ULTRA EMERALD GREEN LED, WATER CLEAR LENS.

DATE: 05.16.11 DRAWN BY: AΒ PAGE: 1 OF 1 CHKD BY: KF SCALE: NTS APRVD BY: ВС (Pg) UNIT: mm [INCH]

Mouser Electronics

Authorized Distributor

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SSL-LX5093UEGC