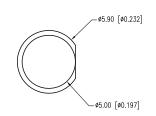
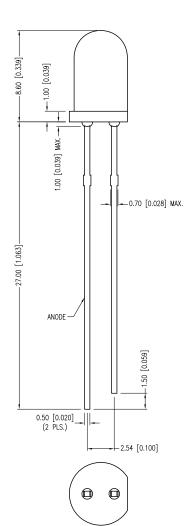
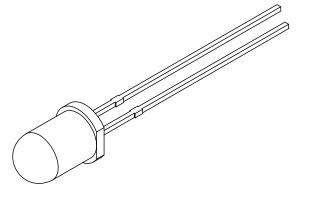
UNCONTROLLED DOCUMENT







PART NUMBER	SSL-LX5093GC	REV.	E	
DATE	DATE E.C.N. NUMBER AND REVISION COMMENTS			
03.01.92	ADDED AXIAL INTENSITY TO TABLE.		Α	
05.08.96	E.C.N. #10112 #10113.		В	
05.29.01	E.C.N. #10BRDR. & REDRAWN IN 3D.		С	
10.19.06	E.C.N. #11148		D	
02.01.12	E.C.N. #10BRDR. & REDRAWN.		E	

ELECTRO-OPTICAL CHARACTERISTICS Ta=25°C If=20mA PARAMETER TYP UNITS TEST COND PEAK WAVELENGTH 565 FORWARD VOLTAGE 2.2 2.6 Vf REVERSE VOLTAGE 5.0 Vr Ir=100µA AXIAL INTENSITY 50 If=20mA mcd VIEWING ANGLE 30 2x theta EMITTED COLOR: GREEN EPOXY LENS FINISH: WATER CLEAR

LIMITS OF SAFE OPERATION AT 25°C		
PARAMETER	MAX	UNITS
PEAK FORWARD CURRENT*	150	mA
STEADY CURRENT	25	mA
POWER DISSIPATION	105	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		

*UNLESS OTHERWISE SPECIFIED TOLERANCES PER DECIMAL PRECISION ARE: $X=\pm 1$ (±0.039), $X.X=\pm 0.5$ (±0.020), $X.XX=\pm 0.25$ (±0.010), $X.XXX=\pm 0.127$ (±0.005). LEAD SIZE=±0.05 (±0.002), LEAD LENGTH=±0.75 (±0.030). MIN= $\frac{+0.001}{-0.001}$ MAX.= $\frac{+0.001}$ UNCONTROLLED DOCUMENT



425 N. GARY AVE. CAROL STREAM, IL 60188-4900

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

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QUASARBRITE T-5mm (T-1 3/4) 565nm GREEN LED, WATER CLEAR LENS.

DATE:	02.01.12	DRAWN BY:	AB	
PAGE:	1 OF 1	CHKD BY:	KF	
SCALE:	NTS	APRVD BY:	KF	
UNIT: mm [INCH]		(Pb)		

Mouser Electronics

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SSL-LX5093GC