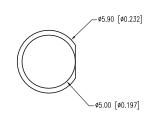
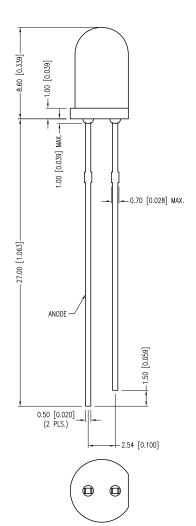
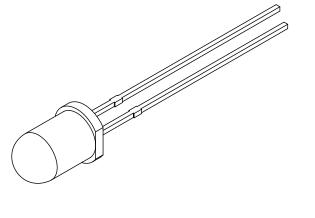
UNCONTROLLED DOCUMENT







PART NUMBER	SSL-LX5093GC REV.	Е	
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.			
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	

EPOXY LENS FINISH: WATER CLEAR

ELECTRO-OPTICAL CHARACTERISTICS Ta=25°C If=20mA PARAMETER TYP MAX UNITS TEST COND PEAK WAVELENGTH 565 FORWARD VOLTAGE 2.2 2.6 Vf REVERSE VOLTAGE 5.0 ۷r Ir=100µA AXIAL INTENSITY 50 If=20mA mcd 30 2x theta VIEWING ANGLE EMITTED COLOR: GREEN

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.
* 1 <10 · C		

*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= $^{+0.00}_{-0.00}$



QUASARBRITE T	−5mm (T−1	3/4) 565nm	GREEN LED,	WATER CLEAR LENS.
THE SPECIFICATION:	S MAY CHANGE AT AN	Y TIME WITHOUT NOTICE (DUE TO NEW MATERIALS	OR PRODUCT IMPROVEMENT.

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DATE:	02.01.12	DRAWN BY:	AB
PAGE:	1 OF 1	CHKD BY:	KF
SCALE:	NTS	APRVD BY:	KF
UNIT:	mm [INCH]	P6	