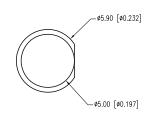
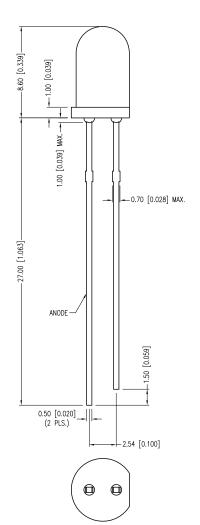
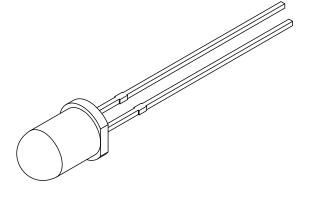
UNCONTROLLED DOCUMENT







	PART NUMBER	SSL-LX5093SGC/B	REV.	D	
	DATE	E.C.N. NUMBER AND REVISION COMMENTS		REV.	
	03.02.95	UPDATED SPECS.		Α	
	05.31.01	E.C.N. #10BRDR. & REDRAWN IN 3D.		В	
	10.23.06	E.C.N. #11148		С	
	09.13.12	E.C.N. #10BRDR. & REDRAWN.		D	

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 300 If=20mA mcd VIEWING ANGLE 30 2x theta 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.

\* t<10µS

EPOXY LENS FINISH: WATER CLEAR



CARY AVE.

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MEMBER OF /T/W PHOTONICS GROUP

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

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

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DATE: 09.13.12 DRAWN BY: AB

PAGE: 1 OF 1 CHKD BY: KF

SCALE: NTS APRVD BY: KF

UNIT: mm [INCH]