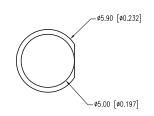
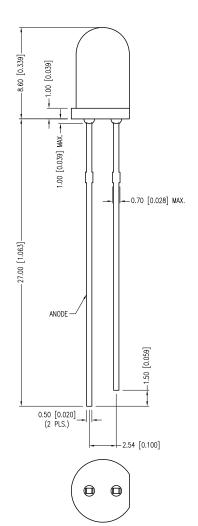
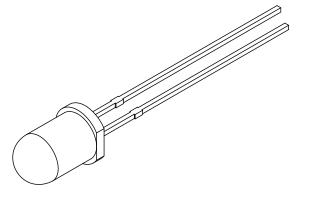
UNCONTROLLED DOCUMENT







PART NUMBER	SSL-LX5093LID	REV.	E
DATE	E.C.N. NUMBER AND REVISION COMMENTS		REV.
05.15.90	CHG'D AXIAL INTENSITY.		Α
01.06.95	REDRAWN, UPDATED SPECS.		В
05.25.01	E.C.N. #10BRDR. & REDRAWN IN 3D.		С
10.23.06	E.C.N. #11148.		D
02.16.12	E.C.N. #10BRDR. & REDRAWN.		Ε

ELECTRO-OPTICAL CHARACTERISTICS Ta=25°C If=20mA PARAMETER TYP MAX UNITS TEST COND PEAK WAVELENGTH 635 FORWARD VOLTAGE 2.0 2.5 Vf REVERSE VOLTAGE 5.0 ۷r ام اr=100 ا AXIAL INTENSITY 40 If=20mA mcd 1.0 If=2mA mcd 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*	150	mA
STEADY CURRENT	30	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.
* 1×10C		

* t<10µS

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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) 635nm RED LED, RED DIFFUSED LENS, LOW CURRENT SELECTION.

	SCALE: UNIT:	NTS mm [INCH]	APRVD BY:	KF
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_	DAGE	4 05 4	OLUKB BV	D.T.
	DATE:	02.16.12	DRAWN BY:	AB

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