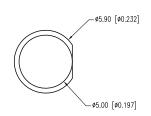
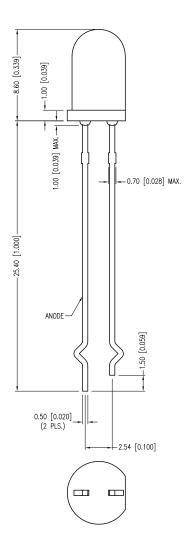
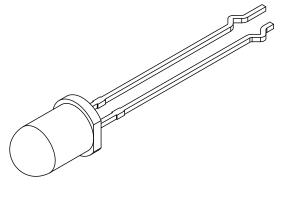
UNCONTROLLED DOCUMENT







PART NUMBER	SSL-LX5093ID-42181	REV.	В
DATE	E.C.N. NUMBER AND REVISION COMMENTS		REV.
10.19.06	E.C.N. #11148.		Α
02.13.12	E.C.N. #10BRDR & REDRAWN.		В

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 Ir=100µA AXIAL INTENSITY 40 If=20mA 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 × 10 · C		

* t<10



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QUASARBRITE T-5mm (T-1 3/4) 635nm RED LED, RED DIFFUSED LENS, CUSTOM LEAD FRAME.

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

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DATE: 02.13.12	DRAWN BY: AB
PAGE: 1 OF 1	CHKD BY: KF
SCALE: NTS	APRVD BY: SS
UNIT: mm [INCH]	Pb

Mouser Electronics

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