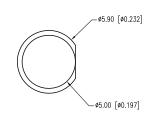
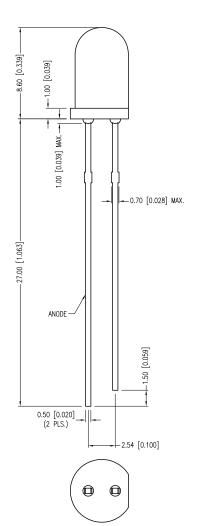
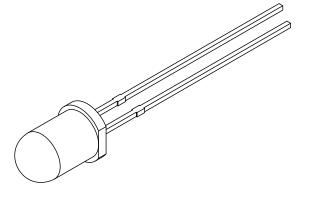
UNCONTROLLED DOCUMENT







PART NUMBER	SSL-LX5093SRT-11	REV.	D
DATE	E.C.N. NUMBER AND REVISION COMMENTS		
04.16.93	CHG'D FORWARD VOLTAGE CHARACTERISTICS.		Α
05.31.01	E.C.N. #10BRDR. & REDRAWN.		В
10.25.06	E.C.N. #11148.		С
09.27.12	E.C.N. #10BRDR. & REDRAWN.		D

ELECTRO-OPTICAL CHARACTERISTICS Ta=25°C If=20mA PARAMETER TYP UNITS TEST COND PEAK WAVELENGTH 660 FORWARD VOLTAGE 1.7 2.2 Vf REVERSE VOLTAGE 4.0 Vr Ir=100µA AXIAL INTENSITY 400 If=20mA mcd VIEWING ANGLE 30 2x theta EMITTED COLOR: RED EPOXY LENS FINISH: RED TRANSPARENT

MITS OF SAFE OPERATION AT 25°C				
PARAMETER	MAX	UNITS		
PEAK FORWARD CURRENT*	155	mA		
STEADY CURRENT	30	mA		
POWER DISSIPATION	100	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 0				

*UNLESS OTHERWISE SPECIFIED TOLERANCES PER DECIMAL PRECISION ARE: X=±1 (±0.039), X.X=±0.5 (±0.020), X.XX=±0.5 (±0.010), X.XXX=±0.127 (±0.005). LEAD SIZE=±0.05 (±0.002), LEAD LENGTH=±0.75 (±0.030). MIN= $^{+0.00}_{-0.00}$ MAX. $^{+0.00}_{-0.00}$ PRECISION MAX. $^{+0.00}_{-0.00}$



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QUASARBRITE T-5mm (T-1 3/4) 660nm SUPER RED LED, RED TRANSPARENT LENS.

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

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DATE:	09.27.12	DRAWN BY:	AB
PAGE:	1 OF 1	CHKD BY:	KF
SCALE:	NTS	APRVD BY:	KF
UNIT: mm [INCH]		Po	

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