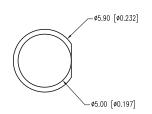
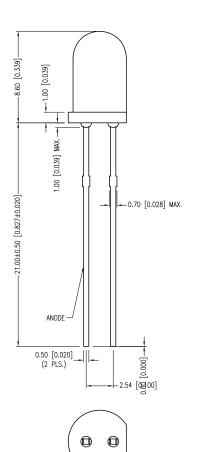
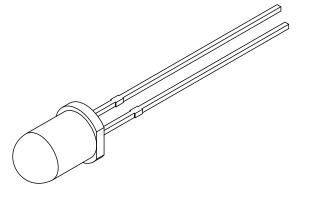
UNCONTROLLED DOCUMENT







PART NUMBER	SSL-LX5093ID-850	REV.	А
DATE	E.C.N. NUMBER AND REVISION COMMENTS		REV.
02.13.12	E.C.N. #10BRDR & REDRAWN.		Α

EPOXY LENS FINISH: RED DIFFUSED

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

LIMITS OF SAFE OPERATION AT 25°C	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.	
* +<10C			

*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 = $^{+DECIMAL}_{-0.00}$ PRECISION MAX.= $^{+0.00}_{-0.00}$ MAX.= $^{+0.00}_{-0.00}$ MAX.= $^{+0.00}_{-0.00}$ 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 = $^{+DECIMAL}_{-0.00}$ PRECISION MAX.= $^{+0.00}_{-0.00}$ MAX.= $^{+0.00}_{-0.00}$ PRECISION MAX.= $^{+0.00}_{-0.00}$ MAX.= $^{+0.00}_{-0.00}$ PRECISION MAX.= $^{+0.00}_{-0.00}$ PREC



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

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

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