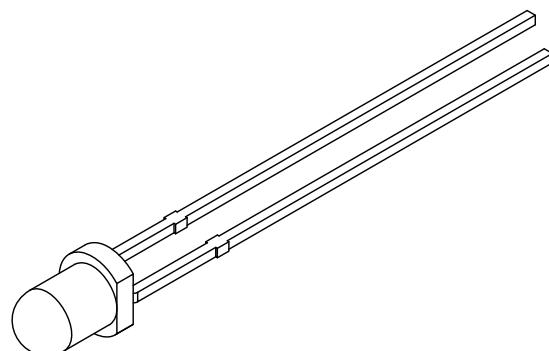
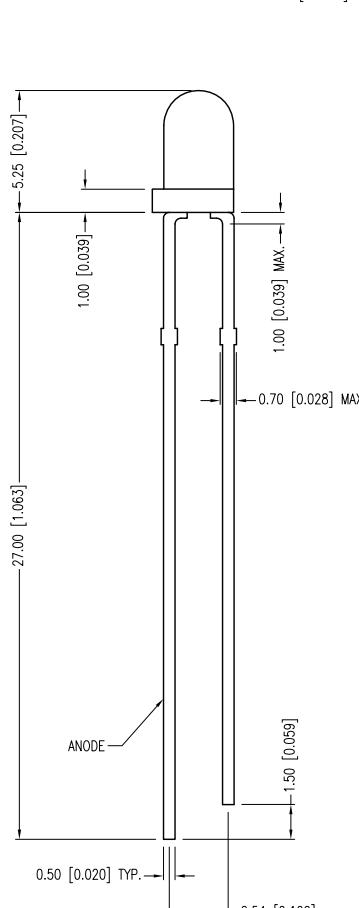
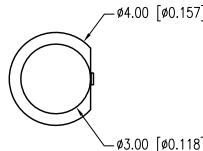


PART NUMBER	SSL-LX3054YD			REV.	C
DATE	E.C.N. NUMBER AND REVISION COMMENTS			REV.	
11.23.99	REDRAWN.				A
04.05.01	E.C.N. #10BRDR. & REDRAWN IN 3D.				B
09.17.12	E.C.N. #10BRDR. & REDRAWN.				C
07.08.13	E.C.N. #11867.				D



ELECTRO-OPTICAL CHARACTERISTICS Ta=25°C If=20mA					
PARAMETER	MIN	TYP	MAX	UNITS	TEST COND
PEAK WAVELENGTH		590		nm	
FORWARD VOLTAGE		2.1	2.5	Vf	
REVERSE VOLTAGE	5.0			Vr	Ir=100µA
AXIAL INTENSITY	8.0	15		mcd	If=20mA
VIEWING ANGLE		60		2x theta	
EMITTED COLOR:	YELLOW				
LENS FINISH:	YELLOW DIFFUSED				

LIMITS OF SAFE OPERATION AT 25°C		
PARAMETER	MAX	UNITS
PEAK FORWARD CURRENT*	140	mA
STEADY CURRENT	30	mA
POWER DISSIPATION	75	mW
DERATE FROM 25°C	-1.6	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&lt;10µS

\*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= <sup>+0.00</sup><sub>-0.00</sub> MAX.= <sup>+0.00</sup><sub>-0.00</sub> DECIMAL PRECISION

UNCONTROLLED DOCUMENT



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MEMBER OF ITW PHOTONICS GROUP

QUASARBRITE T-3mm (T-1) 590nm YELLOW LED, YELLOW DIFFUSED LENS.

\*\*THE SPECIFICATIONS MAY CHANGE AT ANY TIME WITHOUT NOTICE DUE TO NEW MATERIALS OR PRODUCT IMPROVEMENT.\*\*  
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DATE: 09.17.12	DRAWN BY: AB
PAGE: 1 OF 1	CHKD BY: KF
SCALE: NTS	APRVD BY: KF
UNIT: mm [INCH]	NO

# Mouser Electronics

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