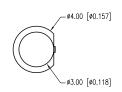
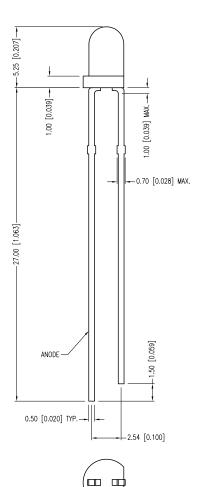
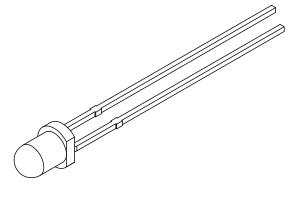
UNCONTROLLED DOCUMENT







	PART NUMBER	SSL-LX3054YT	REV.	С
1	DATE E.C.N. NUMBER AND REVISION COMMENTS			REV.
	07.25.95	07.25.95 REDRAWN, UPDATED SPECS.		
	04.09.01 E.C.N. #10BRDR. & REDRAWN IN 3D.		В	
	09.17.12	E.C.N. #10BRDR. & REDRAWN.		С

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ELECTRO-OPTICAL CHARACTERISTICS Ta=25°C If=20mA									
PARAMETER	MIN	TYP	MAX	UNITS	TEST COND				
PEAK WAVELENGTH		585		nm					
FORWARD VOLTAGE		2.1	2.5	Vf					
REVERSE VOLTAGE	5.0			Vr	lr=100µA				
AXIAL INTENSITY		90		mcd	If=20mA				
VIEWING ANGLE		30		2x theta					
EMITTED COLOR:	YELLOW								
LENS FINISH:	VELLOW TRANSPARENT								

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	-1.6	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<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= $^{+DECIMAL}_{-0.00}$ PRECISION MAX.= $^{+0.00}_{-0.00}$ MIN= $^{+0.00}_{-0.00}$ 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.= $^{+0.00}_{-0.00}$ PRECISION MA UNCONTROLLED DOCUMENT



425 N. GARY AVE. CAROL STREAM, IL 60188-4900 PHONE: +1.800.278.5666 FAX: +1.630.315.2152 WEB: WWW.LUMEX.COM MEMBER OF ITW PHOTONICS GROUP QUASARBRITE T-3mm (T-1) 585nm YELLOW LED, YELLOW TRANSPARENT 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: AΒ PAGE: 1 OF 1 CHKD BY: KF SCALE: NTS APRVD BY: KF (Pb) UNIT: mm [INCH]

Mouser Electronics

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