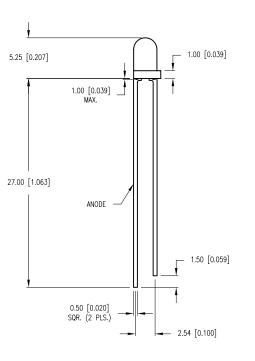
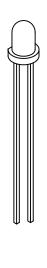
UNCONTROLLED DOCUMENT

PART NUMBER	SSL-LX3054HD/R	REV.	В
DATE	E.C.N. NUMBER AND REVISION COMMENTS		REV.
04.16.01	E.C.N. #10BRDR. & REDRAWN IN 3D.		Α
10.04.11	E.C.N. #10BRDR. & REDRAWN.		В

ø4.00 [ø0.157]	\neg		
		ø3.00	[ø0.118]

ELECTRO-OPTICAL CHARACTERISTICS TA=25°C If=20mA					
PARAMETER	MIN	TYP	MAX	UNITS	TEST COND
PEAK WAVELENGTH		700		nm	
FORWARD VOLTAGE		2.0	2.5	Vf	
REVERSE VOLTAGE	5.0			V_r	I _r =100μΑ
AXIAL INTENSITY		3		mcd	$I_f = 20 \text{mA}$
VIEWING ANGLE		60		2x theta	
EMITTED COLOR:	RED				
EPOXY LENS FINISH:	RED DIF	FUSED			





DTIME	ΛE	CAEE	OPERATION	۸Т	25.0	
LIMITS	(JE	SAFF	OPERATION	ΑI	25 C	

PARAMETER	MAX	UNITS
PEAK FORWARD CURRENT*	150	mA
STEADY CURRENT	25	mA
POWER DISSIPATION	105	mW
DERATE FROM 25°C	- 1.6	mW/°C
OPERATING, STORAGE TEMP.	- 40 TO +85	*C
SOLDERING TEMP.	+ 260	*C
2.0mm FROM BODY		3 SEC. MAX

* 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= $^{+0.00}_{-0.00}$ PRECISION MAX.= $^{+0.00}_{-0.00}$ PRECISION $^{-0.00}_{-0.00}$ MAX.= $^{+0.00}_{-0.00}$ PRECISION $^{-0.00}_{-0.00}$ PRECISION $^{-0.00}_{-0$ UNCONTROLLED DOCUMENT



290 E. HELEN ROAD PALATINE, IL 60067-6976 PHONE: +1.847.359.2790 FAX: +1.847.359.6538

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

CONFIDENTIAL INFORMATION
THE INFORMATION CONTAINED IN THIS DOCUMENT IS THE PROPERTY OF LUMEX INC. EXCEPT AS SPECIFICALLY AUTHORIZED IN WRITING BY LUMEX INC., THE HOLDER OF THIS DOCUMENT SHALL KEEP ALL INFORMATION CONTAINED HEREIN CONFIDENTIAL AND SHALL PROTECT SAME IN WHOLE OR IN PART FROM DISCLOSURE AND DISSEMINATION TO ALL THIRD PARTIES.

T-3mm (T-1) 700nm RED LED, RED DIFFUSED LENS, REVERSE FLANGE.

DATE: 10.04.11 DRAWN BY: AΒ PAGE: 1 OF 1 CHKD BY: SS SCALE: NTS APRVD BY: KF (49) UNIT: mm [INCH]

Mouser Electronics

Authorized Distributor

Click to View Pricing, Inventory, Delivery & Lifecycle Information:

Lumex:

SSL-LX3054HD/R