

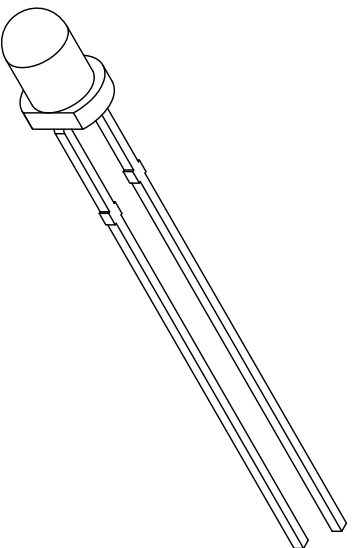


**THE DATASHEET OF
SSL-LX3054YD-5V**



PART NUMBER	SLS-LX3054YD-5V		REV.	C
DATE	E.C.N. NUMBER AND REVISION COMMENTS		REV.	
05.25.95	UPDATED SPECS.		A	
04.09.01	E.C.N. #10BRDR. & REDRAWN IN 3D.		B	
09.17.12	E.C.N. #10BRDR. & REDRAWN.		C	

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ELECTRO-OPTICAL CHARACTERISTICS $T_a=25^{\circ}\text{C}$ $V_f=5\text{V}$

PARAMETER	MIN	TYP	MAX	UNITS	TEST COND
PEAK WAVELENGTH		585		nm	
FORWARD VOLTAGE		5.0	7.0	V _f	$I_f=100\mu\text{A}$
REVERSE VOLTAGE	5.0			V _r	$V_f=5\text{V}$
AXIAL INTENSITY		10		med	
VIEWING ANGLE		60		2x theta	
EMITTED COLOR:	YELLOW				
LENS FINISH:	YELLOW DIFFUSED				

LIMITS OF SAFE OPERATION AT 25°C

PARAMETER	MAX	UNITS
PEAK FORWARD VOLTAGE	7.0	V
STEADY CURRENT	12	mA
POWER DISSIPATION	310	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.

] MAX.

±0.1 (±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 PRECISION MAX.= +0.00 -DECIMAL PRECISION

QUASARBRITE T-3mm (T-1) 585nm YELLOW LED, YELLOW DIFFUSED LENS, 5V OPERATION.

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

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DATE: 09.17.12
 SCALE: NTS
 UNIT: mm [INCH]

UNCONTROLLED DOCUMENT

DATE:	09.17.12	DRAWN BY:	AB
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