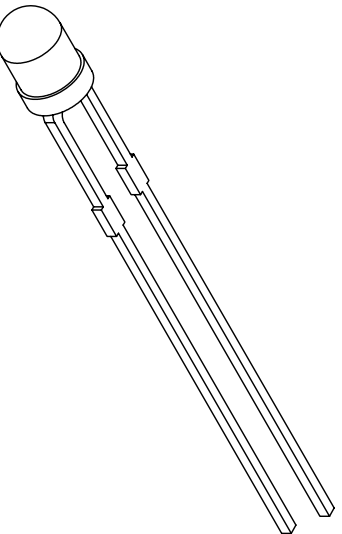




**THE DATASHEET OF
SSL-LX3044YD-12V**



PART NUMBER	SSL-LX3044YD-12V	REV.	D
DATE	E.C.N. NUMBER AND REVISION COMMENTS	REV.	
04.26.92	REMOVED FLAT EDGE FROM FLANGE.	A	
11.28.94	UPDATED DPECS.	B	
04.11.01	E.C.N. #10BRDR. & REDRAWN.	C	
05.06.11	E.C.N. #11717/10BRDR. & REDRAWN.	D	



ELECTRO-OPTICAL CHARACTERISTICS TA = 25°C

PARAMETER	MIN	TPC	MAX	UNITS	TEST COND
PEAK WAVELENGTH	585			nm	
FORWARD VOLTAGE	12.0		14.0	Vf	If=1000µA
REVERSE VOLTAGE	5.0			Vr	Vf=12V
AXIAL INTENSITY	6			mod	
VIEWING ANGLE	60			2x theta	
EMITTED COLOR:	YELLOW				
EPOXY LENS FINISH:	YELLOW DIFFUSED				

LIMITS OF SAFE OPERATION AT 25°C

PARAMETER	MAX.	UNITS
PEAK FORWARD VOLTAGE	14	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.

X±1 [0.028] MAX.

1.00 [0.039] MAX.

1.50 [0.059]

0.100]

ø3.20 [ø0.126]

ø2.90 [ø0.114]

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 PRECISION MAX.= -DECIMAL PRECISION

HELEN ROAD
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T-3mm (T-1) 585nm YELLOW LED, YELLOW DIFFUSED LENS, 12V OPERATION.

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

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DATE:	05.06.11	DRAWN BY:	AB
PAGE:	1 OF 1	CHKD BY:	SS
SCALE:	NTS	APRVD BY:	SS
UNIT:	mm [INCH]		



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