UNCONTROLLED DOCUMENT

SSL-LX509F3BYD PART NUMBER

ELECTRO-OPTICAL CHARACTERISTICS Tg=25°C

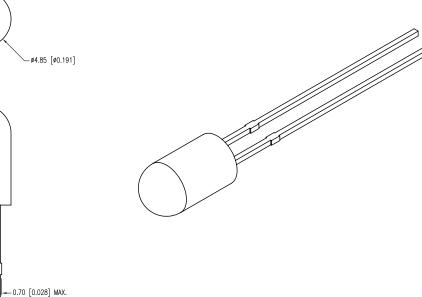
PARAMETER	MIN	TYP	MAX	UNITS	TEST COND
PEAK WAVELENGTH		585		nm	
FORWARD VOLTAGE		3.0	14.0	Vf	
BLINKING FREQUENC	Υ	1.5		Hz	Vf=9.0
		2.5		Hz	Vf=14.0
AXIAL INTENSITY		20		mcd	Vf=9.0
VIEWING ANGLE		60		2x theta	
EMITTED COLOR:	YELLOW				
LENS FINISH:	YELLOW DIFFUSED				

REV.

LIMITS OF SAFE OPERATION AT 25°C

PARAMETER	MAX	UNITS		
PEAK FORWARD VOLTAGE*	14	٧		
STEADY CURRENT	20	mA		
OPERATING TEMP.	-40 TO +85	•C		
STORAGE TEMP.	-40 TO +85	•C		
SOLDERING TEMP.	+260	•C		
2.0mm FROM BODY	3	SEC.		

\* t<10µS



0.50 [0.020] SQR. (2 PLS.)

ANODE -

1.50 [0.059]

-2.54 [0.100]

8.60 [0.339]

\*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  $^{-0.00}_{-0$ 

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

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T-5mm (T-1 3/4) BLINKING LED, 585nm YELLOW, YELLOW DIFFUSED LENS.

UNCONTROLLED DOCUMENT DATE: 12.14.11 DRAWN BY: AΒ PAGE: 1 OF 1 CHKD BY: SS SCALE: NTS APRVD BY: JD UNIT: mm [INCH] (Pb)

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