UNCONTROLLED DOCUMENT P.

- ø4.85 [ø0.191]

--- 0.70 [0.028] MAX.

1.50 [0.059]

PART NUMBER SSL-LX509F3YD-5V

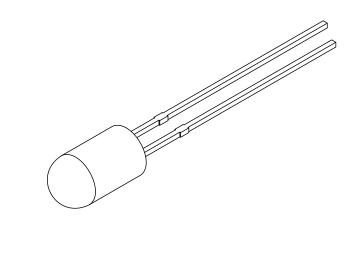
ELECTRO-OPTICAL CHARACTERISTICS Tg=25°C Vf=5V

ELECTIVO OF HOME OF	WWW.OTERNOTION TO EO	0 1. 0.			
PARAMETER	MIN	TYP	MAX	UNITS	TEST COND
PEAK WAVELENGTH		585		nm	
FORWARD VOLTAGE		5.0	7.0	Vf	
REVERSE VOLTAGE	5.0			Vr	Ir=100µA
AXIAL INTENSITY		70		mcd	Vf=5V
VIEWING ANGLE		60		2x theta	
EMITTED COLOR:	YELLOW				
LENS FINISH:	YELLOW DIFFUSED				

REV.

LIMITS OF SAFE OPERATION AT 25°C

LIMITS OF SALE OF EIGHTON AT 250		
PARAMETER	MAX	UNITS
PEAK FORWARD VOLTAGE	7.0	٧
STEADY CURRENT	11.5	mA
POWER DISSIPATION	120	mW
OPERATING TEMP.	-40 TO +85	*C
STORAGE TEMP.	-40 TO +85	*C
SOLDERING TEMP.	+260	*C
2.0mm FROM BODY	3	SEC.



0.50 [0.020] SQR. (2 PLS.) - 2.54 [0.100]

ANODE -

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= $^{+DECIMAL}_{-0.00}$ PRECISION MAX.= $^{+0.00}_{-DECIMAL}$ PRECISION PRECISION

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

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

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UNCONTROLLED DOCUMENT DATE: 07.24.12 DRAWN BY: AΒ PAGE: 1 OF 1 CHKD BY: SS SCALE: NTS APRVD BY: SS UNIT: mm [INCH] (Pb)

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