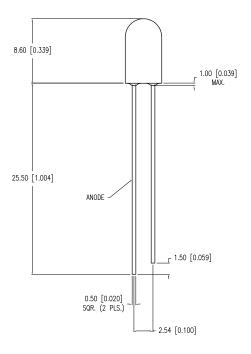
UNCONTROLLED DOCUMENT

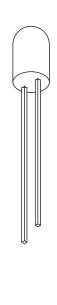
PART NUMBER

SSL-LX509F3YD-12V

REV.







ELECTRO-OPTICAL CHARACTERISTICS TA =25°C Vf =12V

PARAMETER	MIN	TYP	MAX	UNITS	TEST COND
PEAK WAVELENGTH		585		nm	
FORWARD VOLTAGE		12.0	14.0	V f	
REVERSE VOLTAGE	5.0			٧r	$I_r = 100 \mu A$
AXIAL INTENSITY		15		mcd	$V_{f} = 12V$
VIEWING ANGLE		30		2x theta	
EMITTED COLOR:	YELLOW				
EPOXY LENS FINISH:	YELLOW D	IFFUSED			

LIMITS OF SAFE OPERATION AT 25°C

PARAMETER	MAX	UNITS
PEAK FORWARD VOLTAGE*	14	٧
STEADY CURRENT	11.5	mA
POWER DISSIPATION	120	mW
DERATE FROM 25°C	- 1.2	m₩/*C
OPERATING, STORAGE TEMP.	-40 TO +85	•C
SOLDERING TEMP.	+ 260	.c
2.0mm FROM BODY	3	SEC. MAX

*UNLESS OTHERWISE SPECIFIED TOLERANCES PER DECIMAL PRECISION ARE: X=±1 (±0.039), X.X=±0.5 (±0.020), X.XX=±0.5 (±0.020), X.XX=±0.127 (±0.005). LEAD SIZE=±0.05 (±0.002), LEAD LENGTH=±0.75 (±0.030). MIN= $^{+}$ DECIMAL PRECISION UNCONTROLLED DOCUMENT



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T-5mm (T-1 3/4) 565nm YELLOW LED, YELLOW DIFUSED LENS, 12V OPERATION.

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

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RECISION OF FOR STATE DE CONTRACTOR								
	DATE:	04.27.10	DRAWN BY:	JH				
	PAGE:	1 OF 1	CHKD BY:	SS				
.	SCALE:	N/A	APRVD BY:	KF				
Т	UNIT:	mm [INCH]	(Po)					