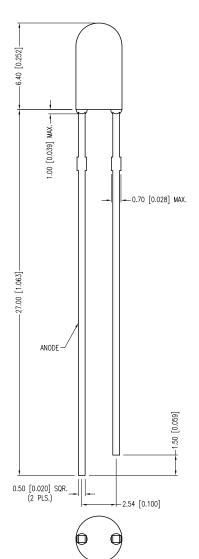
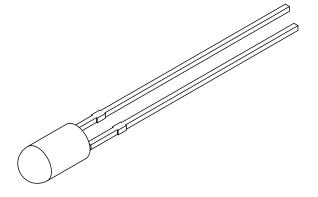
UNCONTROLLED DOCUMENT

PART NUMBER	SSL-LX306F4SOD	REV.	А
DATE	E.C.N. NUMBER AND REVISION COMMENTS		REV.
07.06.11	E.C.N. #10BRDR. & REDRAWN.		Α







ELECTRO-OPTICAL (CHARACTERISTICS To	=25*C If=20mA			
PARAMETER	MIN	TYP	MAX	UNITS	TEST COND
PEAK WAVELENGTH		610		nm	
FORWARD VOLTAGE		2.0	2.5	Vf	
REVERSE VOLTAGE	5.0			Vr	Ir=100µA
AXIAL INTENSITY		100		mcd	If=20mA
VIEWING ANGLE		60		2x theta	
EMITTED COLOR:	ORANGE				
LENS FINISH:	ORANGE DIFFUS	FD			

LIMITS OF SAFE OPERATION AT 25°C		
PARAMETER	MAX	UNITS
PEAK FORWARD CURRENT*	150	mA
STEADY CURRENT	30	mA
POWER DISSIPATION	105	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.
* t<10µS		

*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.= $^{+0.00}_{-0.00}$ MIN= $^{+0.00}_{-0.00}$ 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.= $^{+0.00}_{-0.00}$ PRECISION MA UNCONTROLLED DOCUMENT



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

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DATE: 07.06.11 DRAWN BY: AΒ PAGE: 1 OF 1 CHKD BY: KF SCALE: NTS APRVD BY: KF (Pb) UNIT: mm [INCH]

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