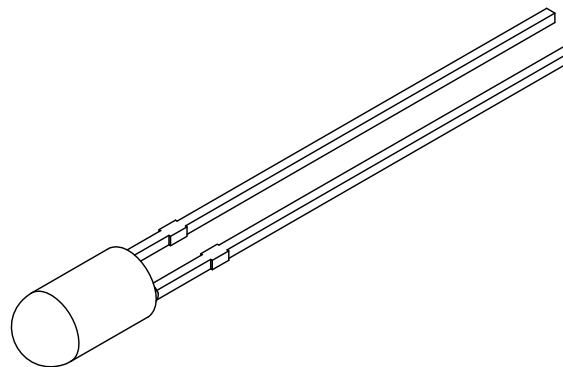
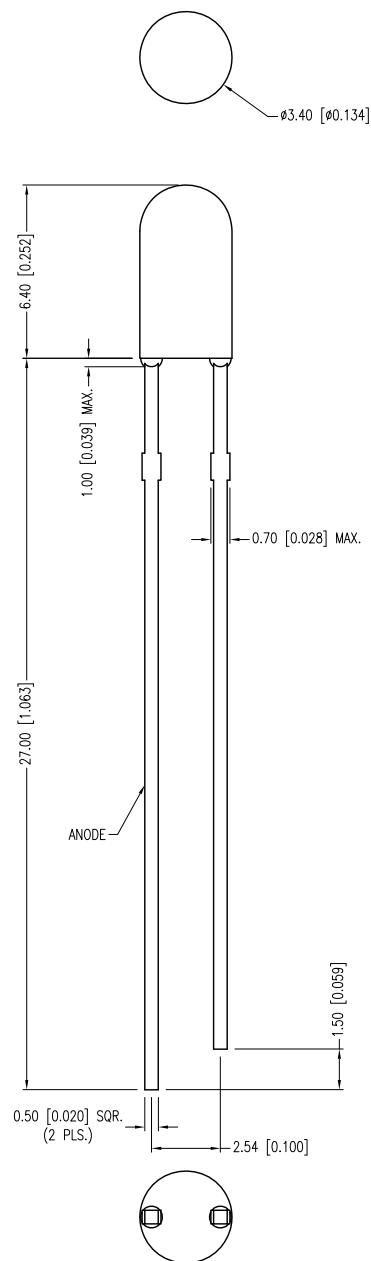


PART NUMBER	SSL-LX306F4USB	REV.	A
DATE	E.C.N. NUMBER AND REVISION COMMENTS		REV.
07.06.11	E.C.N. #10BRDR. & REDRAWN.		A



ELECTRO-OPTICAL CHARACTERISTICS $T_a=25^\circ\text{C}$		$I_f=20\text{mA}$			
PARAMETER	MIN	TYP	MAX	UNITS	TEST COND
PEAK WAVELENGTH		470		nm	
FORWARD VOLTAGE		3.5	4.0	V _f	
REVERSE VOLTAGE	5.0			V _r	I _r =100 μ A
AXIAL INTENSITY		1000		mcd	I _f =20mA
VIEWING ANGLE		60		2x theta	
EMITTED COLOR:	BLUE				
LENS FINISH:	BLUE DIFFUSED				

LIMITS OF SAFE OPERATION AT 25°C			
PARAMETER	MAX	UNITS	
PEAK FORWARD CURRENT*	100	mA	
STEADY CURRENT	30	mA	
POWER DISSIPATION	98	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<10 μ s

CAUTION: STATIC SENSITIVE DEVICE
FOLLOW PROPER E.S.D. HANDLING PROCEDURES
WHEN WORKING WITH THIS PART.

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

UNCONTROLLED DOCUMENT

QUASARBRITE T-3mm 470nm BLUE LED, BLUE DIFFUSED.

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:	AB
PAGE:	1 OF 1	CHKD BY:	KF
SCALE:	NTS	APRVD BY:	KF
UNIT:	mm [INCH]		Ⓟ

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