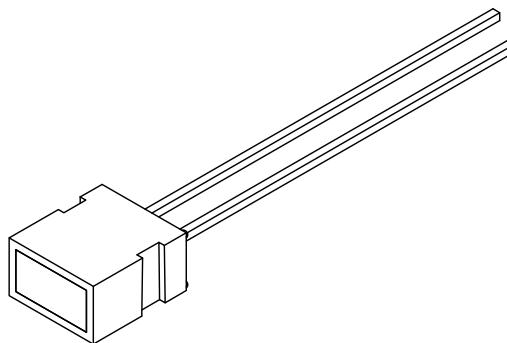
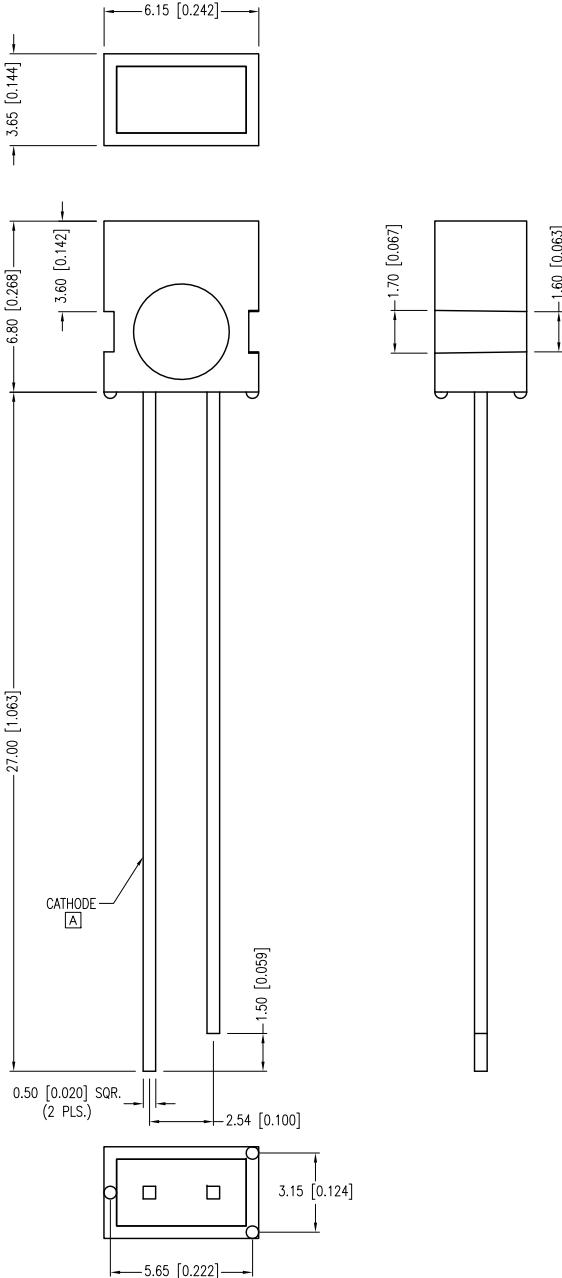


PART NUMBER	SSL-LX4673USBD-LA20	REV.	B
DATE	E.C.N. NUMBER AND REVISION COMMENTS	REV.	
07.10.01	E.C.N. #10BRDR. & REDRAWN IN 3D.	A	
08.17.12	E.C.N. #10BRDR. & REDRAWN.	B	



ELECTRO-OPTICAL CHARACTERISTICS $T_a=25^\circ\text{C}$ $If=20\text{mA}$					
PARAMETER	MIN	TYP	MAX	UNITS	TEST COND
PEAK WAVELENGTH	470			nm	
FORWARD VOLTAGE		3.5	4.0	Vf	
REVERSE VOLTAGE		5.0		Vr	$I_r=100\mu\text{A}$
AXIAL INTENSITY		60		mcd	$If=20\text{mA}$
VIEWING ANGLE		100		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	-1.2	mW/ $^\circ\text{C}$
OPERATING TEMP.	-40 TO +85	$^\circ\text{C}$
STORAGE TEMP.	-40 TO +85	$^\circ\text{C}$
SOLDERING TEMP.	+260	$^\circ\text{C}$
2.0mm FROM BODY	3	SEC.

* $I < 10\mu\text{S}$

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

*UNLESS OTHERWISE SPECIFIED TOLERANCES PER DECIMAL PRECISION ARE: $X=\pm 1$ (± 0.039), $X.X=\pm 0.5$ (± 0.020), $X.XX=\pm 0.25$ (± 0.010), $X.XXX=\pm 0.127$ (± 0.005). LEAD SIZE= ± 0.05 (± 0.002), LEAD LENGTH= ± 0.75 (± 0.030). MIN= $-\text{0.00}$ MAX= $+\text{0.00}$

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