



**THE DATASHEET OF  
SSL-LX100133USBC**



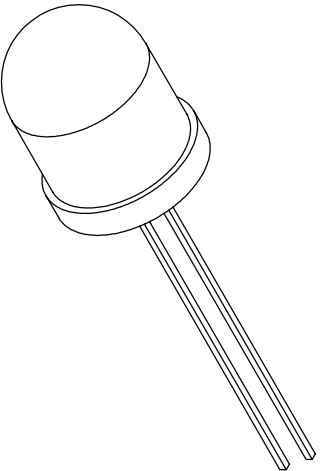
PART NUMBER	SSL-LX100133USBC	REV.	A
DATE	E.C.N. NUMBER AND REVISION COMMENTS	REV.	
04.15.11	E.C.N. #10BRDR. & REDRAWN/#11712.	REV.	A

000 [40.433]

**[A] ELECTRO-OPTICAL CHARACTERISTICS TA=25°C H=20mA**

PARAMETER	MIN	TP2	MAX	UNITS	TEST COND
PEAK WAVELENGTH		470		nm	
FORWARD VOLTAGE		3.3	4.0	Vf	I <sub>f</sub> =100μA
REVERSE VOLTAGE	5.0			Vr	
AXIAL INTENSITY	2300	3200		mcad	H=20mA
VIEWING ANGLE		10		2x theta	
EMITTED COLOR:	BLUE				
EPOXY LENS FINISH:	WATER CLEAR				

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**[A] LIMITS OF SAFE OPERATION AT 25°C**

PARAMETER	MAX	UNITS
PEAK FORWARD CURRENT*	150	mA
STEADY CURRENT	30	mA
POWER DISSIPATION	120	mW
DERATE FROM 25°C	-1.2	mW/°C
OPERATING TEMP.	-40 TO +85	°C
STORAGE TEMP.	-40 TO +85	°C
SOLDERING TEMP.	+260	°C
2.0mm FROM BODY	3	SEC. MAX.
* I<10μs		

X±1 (+0.039), X-X±H0.5 (+0.020), X-XX±H0.25 (+0.010), XXX±H0.127 (+0.005), LEAD SIZE±H0.05 (+0.002), LEAD LENGTH±H0.75 (+0.030), MIN± -0.000 DECI-MAL PRECISION MAX± +0.000 DECI-MAL PRECISION

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T-10mm (T-3 1/8) 470nm ULTRA SUPER BLUE LED, WATER CLEAR LENS.

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

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PAGE:	1 OF 1	CHKD BY:	BC
SCALE:	NTS	APRVD BY:	JD
UNIT:	mm [INCH]		



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