

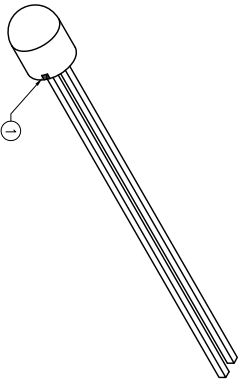


**THE DATASHEET OF
SSL-LX203CUSBT**



PART NUMBER	SSL-LX203CUSBT		REV.	C
DATE	E.C.N. NUMBER AND REVISION COMMENTS			REV.
05.13.04	E.C.N. #11126.			A
05.17.11	E.C.N. #11720/BDR & REDRAWN.			B
08.01.14	E.C.N. #11920.			C

42.00 [60.079]



[A]

ELECTRO-OPTICAL CHARACTERISTICS TA = 25°C IF = 20mA

PARAMETER	MIN	TYP.	MAX	UNITS	TEST COND
PEAK WAVELENGTH		460		nm	
FORWARD VOLTAGE		3.3	4.0	Vf	If=10mA
REVERSE VOLTAGE			4.0	Vr	
AXIAL INTENSITY		240		mod	If=20mA
VIEWING ANGLE		130		2x theta	
EMITTED COLOR:	BLUE				
EPOXY LENS FINISH:	BLUE TRANSPARENT				

LIMITS OF SAFE OPERATION AT 25°C

PARAMETER	MAX	UNITS
PEAK FORWARD CURRENT*	50	mA
STEADY CURRENT	30	mA
POWER DISSIPATION	200	mW
DERATE FROM 25°C	-1.2	mW/°C
OPERATING TEMP.	-40 TO +85	°C
STORAGE TEMP.	-40 TO +100	°C
SOLDERING TEMP.	+260	°C
2.0mm FROM BODY	3	SEC. MAX.
* I<10mA		

NOTES:

1. ANODE MARK IS INDICATED BY A SMALL MARKING ON THE SIDE OF THE CERAMIC SURFACE.

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

HELEN ROAD
E. ILL 60067-6976
+1.847.359.2790
WWW.LUXEY.COM

T-2 CERAMIC STEM LED, 480nm ULTRA SUPER BLUE LED, BLUE TRANSPARENT LENS.
THE SPECIFICATIONS MAY CHANGE AT ANY TIME WITHOUT NOTICE DUE TO NEW MATERIALS OR PRODUCT IMPROVEMENT
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DATE:	05.17.11	DRAWN BY:	AB
PAGE:	1 OF 1	CHKD BY:	KF
SCALE:	NTS	APRVD BY:	BC
UNIT:	mm [INCH]		

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