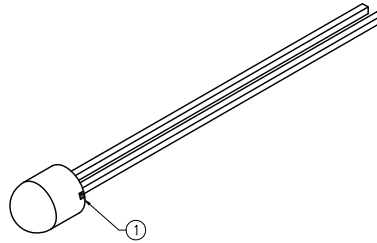
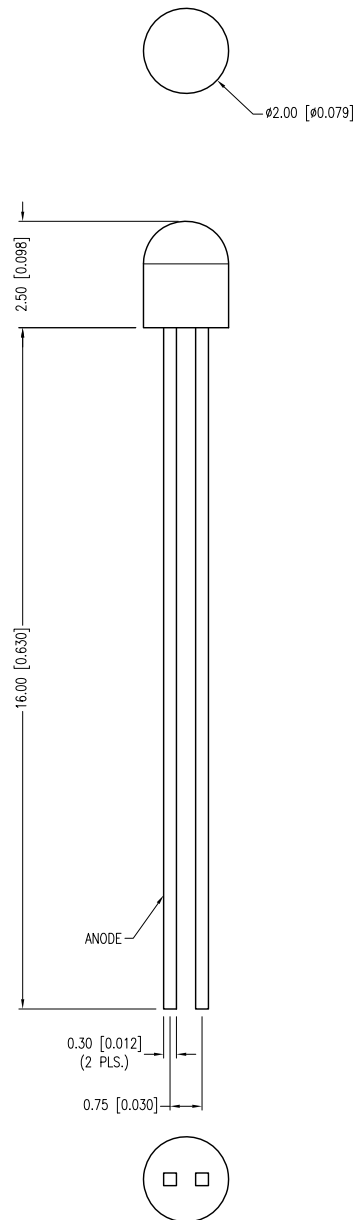


PART NUMBER	SSL-LX203CUSBT	REV.	C
DATE	E.C.N. NUMBER AND REVISION COMMENTS		REV.
05.13.04	E.C.N. #11126.		A
05.17.11	E.C.N. #11720/BRDR & REDRAWN.		B
08.01.14	E.C.N. #11920.		C



[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	
REVERSE VOLTAGE			4.0	Vr	Ir=10µA
AXIAL INTENSITY		240		mcd	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.

* t<10µS

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.

*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 MAX.= +DECIMAL PRECISION -0.00

UNCONTROLLED DOCUMENT



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T-2 CERAMIC STEM LED, 460nm 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]		(P6)