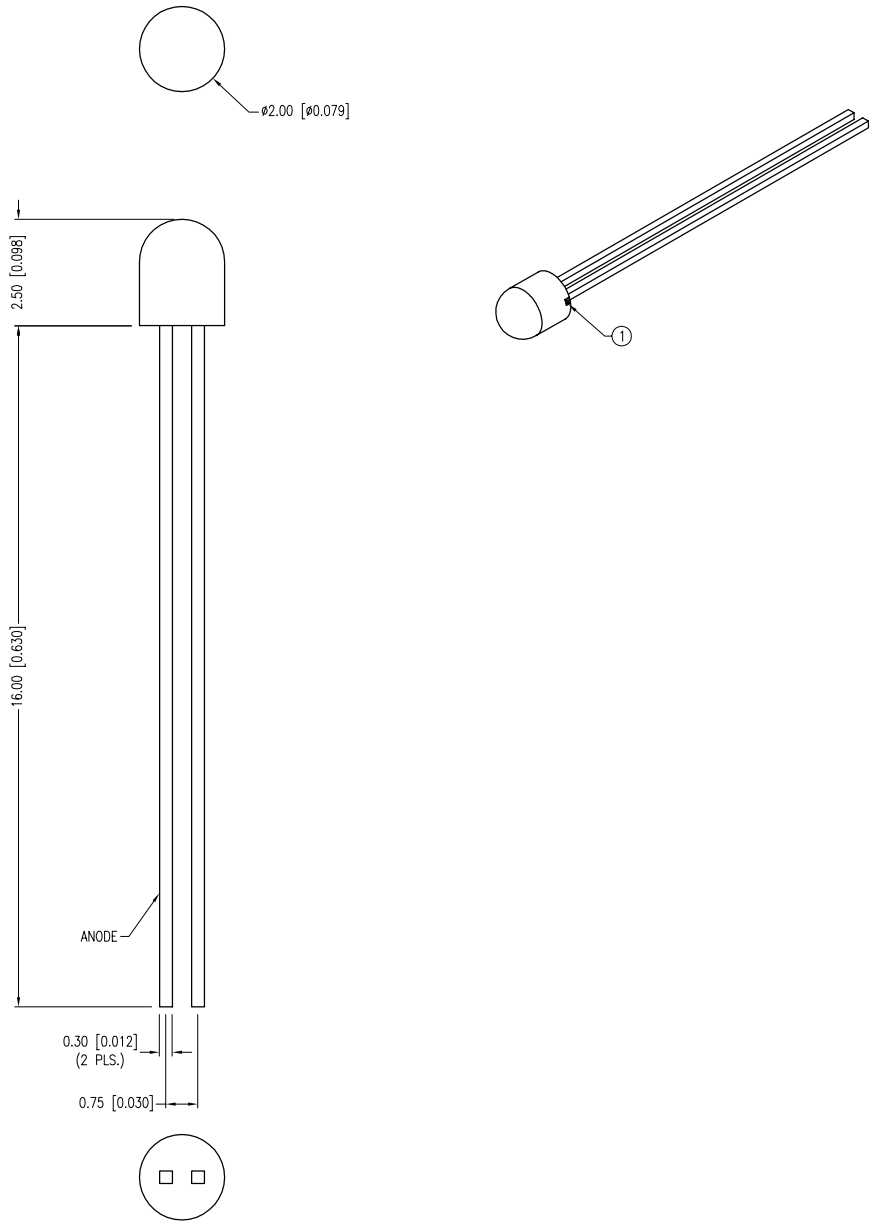
UNCONTROLLED DOCUMENT

PART NUMBER	SSL-LX203CSOT	REV.	B

DATE	E.C.N. NUMBER AND REVISION COMMENTS	REV.
05.13.04	E.C.N. #11126.	A
07.26.11	E.C.N. #10BRDR. & REDRAWN.	B



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

PARAMETER	MIN	TYP.	MAX	UNITS	TEST COND
PEAK WAVELENGTH		610		nm	
FORWARD VOLTAGE		2.0	2.5	Vf	
REVERSE VOLTAGE	5.0			Vr	Ir=10µA
AXIAL INTENSITY		10		mcd	If=20mA
VIEWING ANGLE		160		2x theta	
EMITTED COLOR:	ORANGE				
EPOXY LENS FINISH:	ORANGE TRANSPARENT				

LIMITS OF SAFE OPERATION AT 25°C

PARAMETER	MAX	UNITS
PEAK FORWARD CURRENT*	150	mA
STEADY CURRENT	30	mA
POWER DISSIPATION	105	mW
DERATE FROM 25°C	-1.0	mW/°C
OPERATING TEMP.	-25 TO +75	°C
STORAGE TEMP.	-25 TO +100	°C
SOLDERING TEMP.	+260	°C
2.0mm FROM BODY	3	SEC. MAX.

* t<10µS

[A] NOTES:

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

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

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T-2 CERAMIC STEM LED, 610nm SUPER ORANGE LED, ORANGE TRANSPARENT LENS.

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

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DATE:	07.26.11	DRAWN BY:	AB
PAGE:	1 OF 1	CHKD BY:	JD
SCALE:	NTS	APRVD BY:	JD
UNIT:	mm [INCH]	Pb	