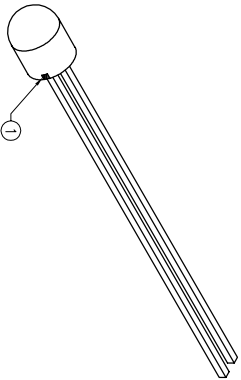




THE DATASHEET OF SSL-LX203CSOT



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 I_F = 20mA

PARAMETER	MIN	TYP.	MAX	UNITS	TEST COND
PEAK WAVELENGTH		610		nm	
FORWARD VOLTAGE		2.0	2.5	V _F	I _F =10mA
REVERSE VOLTAGE	5.0			V _R	I _F =20mA
AXIAL INTENSITY		10		mod	
VIEWING ANGLE		160		2 \times 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. ²⁾	+260	°C
2.0mm FROM BODY	3	SEC. MAX.

* I<10µS

NOTES:

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

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.=^{-0.000}DECIMAL PRECISION MAX.=^{+0.000}DECIMAL PRECISION
 HELEN ROAD
 E. I. L 60067-6976
 +1.847.359.2790
 WWW.LUMEX.COM

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]		



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