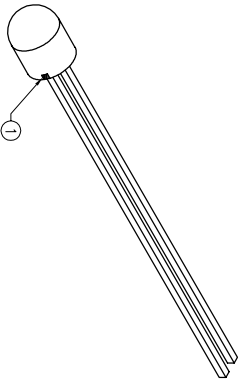




**THE DATASHEET OF
SSL-LX203CIT**



PART NUMBER	SSL-LX203CIT		REV.	C
DATE	E.C.N. NUMBER AND REVISION COMMENTS		REV.	
02.09.01	E.C.N. #10BRDR. & REDRAWN.		A	
05.13.04	E.C.N. #11126.		B	
07.26.11	E.C.N. #10BRDR. & REDRAWN.		C	



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

PARAMETER	MIN	TYP.	MAX	UNITS	TEST COND
PEAK WAVELENGTH		635		nm	
FORWARD VOLTAGE		2.0	2.5	V _F	I _F = 10mA
REVERSE VOLTAGE	5.0			V _R	I _F = 20mA
AXIAL INTENSITY		6		mod	
VIEWING ANGLE		120		2 \times theta	
EMITTED COLOR:	RED				
EPOXY LENS FINISH:	RED 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	-1.6	mW/°C
OPERATING TEMP.	-25 TO +75	°C
STORAGE TEMP.	-25 TO +100	°C
SOLDERING TEMP. ¹	+280	°C
2.0mm FROM BODY	3	SEC. MAX.

* I_T0.95

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.=^{+DECIMAL PRECISION}_{-0.00} DECIMAL PRECISION
 HELEN ROAD
 E. I. L 60067-6976
 +1.847.359.2790
 WWW.LUXEY.COM

T-2 CERAMIC STEM LED, 635nm RED LED, RED 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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