



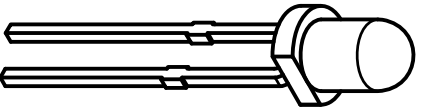
**THE DATASHEET OF
SSL-LX3052ID**



PART NUMBER	SSL-LX30521D	REV.	D
DATE	E.C.N. NUMBER AND REVISION COMMENTS	REV.	
09.22.95	UPDATED SPECS & REDRAWN	A	
04.18.00	E.C.N. #10BRDR & REDRAWN	B	
11.21.06	E.C.N. #11367	C	
06.02.15	E.C.N. #11954	D	

□ ELECTRO-OPTICAL CHARACTERISTICS I_A=25°C I_F=20mA

PARAMETER	MIN	TYP	MAX	UNITS	TEST COND
PEAK WAVELENGTH		627		nm	
FORWARD VOLTAGE		2.0	2.5	V _F	I _F =100μA
REVERSE VOLTAGE	5.0			V _R	
AXIAL INTENSITY		12	25	med	I _F =10mA
VIEWING ANGLE		60		2x theta	
EMITTED COLOR:	RED				
EPOXY LENS FINISH:	RED DIFFUSED				



- 04.00 [0.157]
- 02.90 [0.114]
- 1.00 [0.039]
- 0.70 [0.028]
- 1.00 [0.039]
- 2.54 [0.100]

□ LIMITS OF SAFE OPERATION AT 25°C

PARAMETER	MAX	UNITS
PEAK FORWARD CURRENT*	160	mA
STEADY CURRENT	30	mA
POWER DISSIPATION	75	mW
DERATE FROM 25°C	-1.6	mW/°C
OPERATING TEMP.	-40 TO +85	°C
STORAGE TEMP.	-40 TO +85	°C
SOLDERING TEMP.	+260	°C
2.0mm FROM BODY		3 SEC. MAX
* I<10μS		

Y A/E: AM, IL 60188-4900
600.278.5666
315.2152
WCS.COM

T-3 (T-1) LED, RED DIFFUSED LENS.

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

UNCONTROLLED DOCUMENT

DATE: 11.21.06 DRAWN BY: JC
PAGE: 1 OF 1 CHKD BY:
SCALE: NTS APRVD BY:
UNIT: mm [INCH]

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Looking for pricing, stock, or lifecycle information?

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