



THE DATASHEET OF SSL-LX3054HD



PART NUMBER	SSL-LX3054HD	REV.	B
DATE	E.C.N. NUMBER AND REVISION COMMENTS	REV.	
07.25.95	REDRAWN AND UPDATED SPECS.	A	
04.09.01	E.C.N. #10BRDR. & REDRAWN IN 3D.	B	
03.28.11	E.C.N. #10BRDR. & REDRAWN/#11703.	C	



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

PARAMETER	MIN	TP2	MAX	UNITS	TEST COND
PEAK WAVELENGTH		565		nm	
FORWARD VOLTAGE		2.2	2.5	Vf	If = 100µA
REVERSE VOLTAGE	5.0			Vr	If = 10mA
AXIAL INTENSITY		80		mcd	
VIEWING ANGLE		50		2x theta	
EMITTED COLOR:		GREEN			
EPOXY LENS FINISH:		WATER CLEAR			

A LIMITS OF SAFE OPERATION AT 25°C

PARAMETER	MAX	UNITS
PEAK FORWARD CURRENT*	140	mA
STEADY CURRENT	25	mA
POWER DISSIPATION	63	mW
DERATE FROM 25°C	100	mW/°C
OPERATING TEMP.	-40 TO +85	°C
STORAGE TEMP.	-40 TO +85	°C
SOLDERING TEMP.	+260	°C
2.0mm FROM BODY		SEC. MAX.
1x1-10µs	3	

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T-3mm (T-1) 700nm RED LED, RED DIFFUSED LENS.

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DATE:	05.19.11	DRAWN BY:	AB
PAGE:	1 OF 1	CHKD BY:	--
SCALE:	NTS	APRVD BY:	--
UNIT:	mm [INCH]		

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