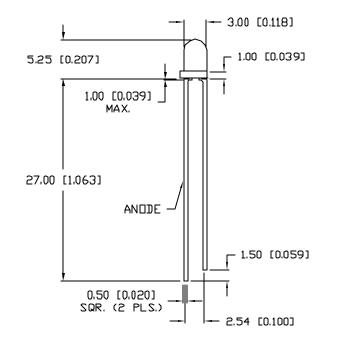
UNCONTROLLED DOCUMENT

PART NUMBER SSL-LX3054BAD

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ELECTRO-OPTICAL CHAP	•ACTERISTI	CS T _A =25'	'C		
PARAMETER	MIN	TYP	MAX	UNITS	TEST COND
PEAK WAVELENGTH		610		nm	
FORWARD VOLTAGE	3.0		14.0	Vf	
BLINKING FREQUENCY:		1.5		Hz	Vf=14.0, lf=70mA
		2.5		Hz	Vf=3.0, lf=6mA
AXIAL INTENSITY		10		mcd	Vf=9.0
VIEWING ANGLE		60		2x theta	
EMITTED COLOR:	AMBER				
EPOXY LENS FINISH:	AMBER	DIFFUSED			

LIMITS OF SAFE OPERATION AT 25°C PER CHIP

PARAMETER	MAX	UNITS
FORWARD VOLTAGE	14	V
PEAK FORWARD CURRENT	70	mA
POWER DISSIPATION	200	тW
DERATE FROM 25'C	-1.2	m₩⁄°C
OPERATING, STORAGE TEMP.	- 40 TO + 85	°C
Soldering Temp.	+ 260	' C
2.0mm FROM BODY		3 SEC. MAX

UNCONTROLLED DOCUMENT *UNLESS OTHERWISE SPECIFIED TOLERANCES PER DECIMAL PRECISION ARE: X=±1 (±0.039), XX=±0.5 (±0.020), XXX=±0.25 (±0.010), XXXX=±0.127 (±0.005). LEAD SIZE=±0.05 (±0.002), LEAD LENGTH=±0.75 (±0.030). MN= $+\frac{1000}{-0.00}$ MAX.= +0.00<u>Confidential information</u> The information contained in this document is the property of Lumex NG. Except as specifically authorized in writing by Lumex Inc. The Holder of this document shall keep all information contained herein confidential and shall protect same in whole or 290 E. HELEN ROAD REV. PART NUMBER PALATINE, IL 60067-6976 tra SSL-LX3054BAD PHONE: +1.847.359.2790 We name Changes to Mank Ser Ven US WEB: www.lumex.com IN PART FROM DISCLOSURE AND DISSEMINATION TO ALL THIRD PARTIES. TW WEB: www.lumex.com.tw RELIABLITY NOTE OUR NAMY YEARS OF EXPERIENCE DATA ACCUMULATION INDICATE THAT T-3mm (T-1) 610nm BLINKING AMBER LED, DRAWN BY: CHECKED BY: APPROVED BY: DATE: 4.9.01 PAGE: 1 OF 1 SOLDER HEAT IS A MAJOR CAUSE OF EARLY AND FUTURE FAILURE. AMBER DIFFUSED LENS. PLEASE PAY ATTENTION TO YOUR SOLDERING PROCESS. SCALE: N/A BC

REV.

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