

ELECTRO-OPTICAL CHARACTERISTICS $T_A=25^\circ\text{C}$

PARAMETER	MIN	TYP	MAX	UNITS	TEST COND
PEAK WAVELENGTH		635		nm	
FORWARD VOLTAGE	3.0		14.0	V _f	
BLINKING FREQUENCY:	1.5		2.5	Hz	$V_f=14.0, I_f=70\text{mA}$
				Hz	$V_f=3.0, I_f=6\text{mA}$
AXIAL INTENSITY	10			mcd	$V_f=9.0$
VIEWING ANGLE	110			2x theta	
EMITTED COLOR:	RED				
EPOXY LENS FINISH:	RED DIFFUSED				

LIMITS OF SAFE OPERATION AT 25°C

PARAMETER	MAX	UNITS
PEAK FORWARD CURRENT*	70	mA
STEADY CURRENT	20	mA
POWER DISSIPATION	105	mW
DERATE FROM 25°C	-1.2	mW/ $^\circ\text{C}$
OPERATING, STORAGE TEMP.	-40 TO +85	$^\circ\text{C}$
SOLDERING TEMP.	+260	$^\circ\text{C}$
2.0mm FROM BODY		3 SEC. MAX

* $t < 10\mu\text{s}$

NOTES:

1. SSI-LX2573BID, BLINKING RED LED.
2. SSH-LXMP059-HSG, BLACK HOUSING.
3. SSH-LXMP059-BSG, BLACK BUSHING.

REV.	PART NUMBER SSI-LXMP059BID	CONFIDENTIAL INFORMATION THE INFORMATION CONTAINED IN THIS DOCUMENT IS THE PROPERTY OF LUMEX INC. 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 IN PART FROM DISCLOSURE AND DISSEMINATION TO ALL THIRD PARTIES.	RELIABILITY NOTE OUR MANY YEARS OF EXPERIENCE DATA ACCUMULATION INDICATE THAT SOLDER HEAT IS A MAJOR CAUSE OF EARLY AND FUTURE FAILURE. PLEASE PAY ATTENTION TO YOUR SOLDERING PROCESS.	LUMEX We Bring Photonics To Work For You INC.	290 E. HELEN ROAD PALATINE, IL 60067-6976 PHONE: +1.847.359.2790 US WEB: www.lumex.com TW WEB: www.lumex.com.tw
635nm RED BLINKING RECTANGULAR PANEL INDICATOR, RED DIFFUSED LENS.	DRAWN BY: CT	CHECKED BY:	APPROVED BY:	DATE: 5.12.03 PAGE: 1 OF 1 SCALE: N/A	