

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		Hz	$V_f=14.0$ , $I_f=70\text{mA}$
		2.5		Hz	$V_f=3.0$ , $I_f=6\text{mA}$
AXIAL INTENSITY		10		mcd	$V_f=9.0$
VIEWING ANGLE		120		2x theta	
EMITTED COLOR:		RED			
EPOXY LENS FINISH:		RED DIFFUSED			

LIMITS OF SAFE OPERATION AT  $25^{\circ}\text{C}$ 

PARAMETER	MAX	UNITS
PEAK FORWARD CURRENT*	70	mA
STEADY CURRENT	20	mA
POWER DISSIPATION	105	mW
DERATE FROM $25^{\circ}\text{C}$	-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. SSL-LX5093BID LED.
2. HOLDER: LXP-SSI-387BSH, LXP-SSI-387BZL.
3. PANEL HOLE CUT OUT: 5/16" DIAMETER.

\*UNLESS OTHERWISE SPECIFIED TOLERANCES PER DECIMAL PRECISION ARE: 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 MAX= +0.00 -DECIMAL PRECISION

REV.

PART NUMBER  
SSI-LXH387BID-4

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## 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.



290 E. HELEN ROAD  
PALATINE, IL 60067-6976  
PHONE: +1.847.359.2790  
US WEB: www.lumex.com  
TW WEB: www.lumex.com.tw

T-5 PANEL MOUNT INDICATOR,  
BLINKING RED LED, RED DIFFUSED LENS.

DRAWN BY:

CT

CHECKED BY:

APPROVED BY:

DATE: 5.15.03

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SCALE: N/A