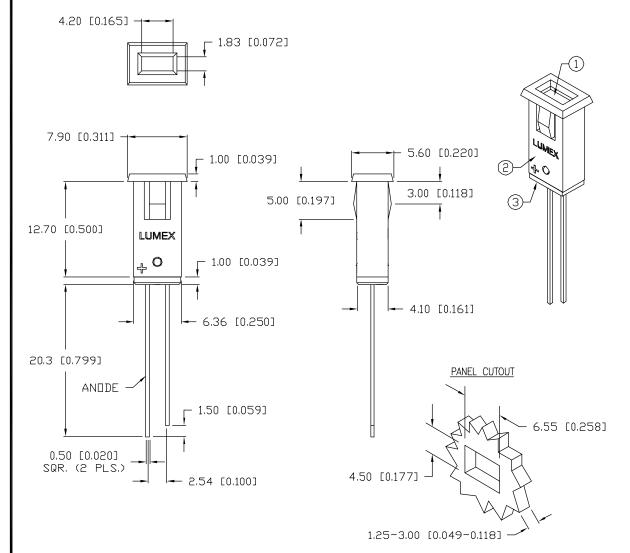
SSI-LXMP059BID



ELECTRO-OPTICAL CHARACTERISTICS TA=25°C

PARAMETER	MIN TY	P MAX	UNITS	TEST COND
PEAK WAVELENGTH	63	55	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	$V_f = 3.0$, $I_f = 6mA$
AXIAL INTENSITY	1	J	mcd	$V_{f} = 9.0$
VIEWING ANGLE	11	0	2x theta	
EMITTED COLOR:	RED			
EPOXY LENS FINISH:	RED DIFFU	ISED		

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/°C
OPERATING, STORAGE TEMP.	-40 TO +85	•C
SOLDERING TEMP,	+ 260	•C
2.0mm FROM BODY		3 SEC. MAX

* t<10µS

NOTES:

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

*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 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 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 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 ARE: X=±1 (±0.039), X.X=±0.5 (±0.010), X.XX=±0.127 (±0.010), X.XX=±0.127 (±0.005). LEAD SIZE=±0.05 (±0.002), LEAD LENGTH=±0.75 (±0.002), MIN==+DECIMAL PRECISION ARE: X=±1 (±0.039), X.X=±0.5 (±0.010), X.XX=±0.127 (±0.005). LEAD SIZE=±0.05 (±0.002), LEAD LENGTH=±0.75 (±0.005). MIN==+DECIMAL PRECISION ARE: X=±1 (±0.039), X.X=±0.5 (±0.010), X.XX=±0.127 (±0.005). LEAD SIZE=±0.05 (±0.002), LEAD SIZE=±0.05 (±0.002), MIN==+DECIMAL PRECISION ARE: X=±0.05 (±0.002), MIN==+DECIMAL PRECISION ARE: X=±0.0

PART NUMBER
SSI-LXMP059BID

635nm RED BLINKING RECTANGULAR PANEL INDICATOR,
RED DIFFUSED LENS.

CONFIDENTIAL INFORMATION

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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.



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PAGE: 1 OF 1 SCALE: N/A

5.12.03