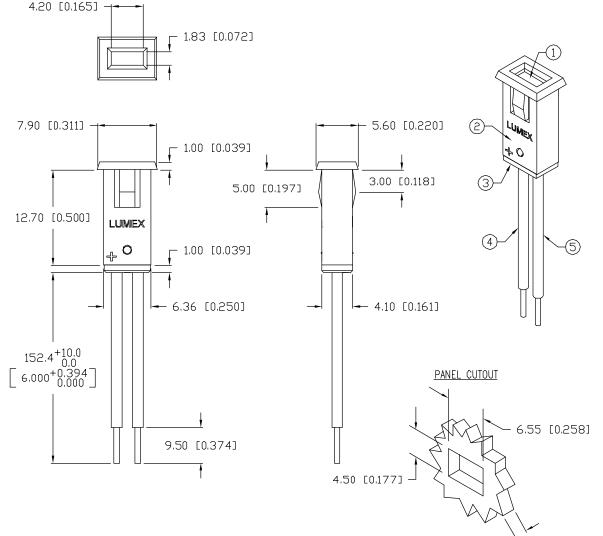
## SSI-I XMP059BID-150



## ELECTRO-OPTICAL CHARACTERISTICS TA=25°C

PARAMETER	MIN TYP	MAX	UNITS	TEST COND
PEAK WAVELENGTH	635		nm	_
FORWARD VOLTAGE	3.0	14.0	$V_f$	
BLINKING FREQUENCY:	1 <i>.</i> 5		Hz	$V_f = 14.0, I_f = 70 \text{m/s}$
	2.5		Hz	$V_f = 3.0$ , $I_f = 6mA$
AXIAL INTENSITY	10		mcd	$V_{f} = 9.0$
VIEWING ANGLE	110		2x theta	
EMITTED COLOR:	RED			
EPOXY LENS FINISH:	RED DIFFUSED	l		

## 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/ <b>'</b> C
OPERATING, STORAGE TEMP.	-40  TO  +85	<b>°</b> C
SOLDERING TEMP.	+ 260	<b>.</b> C
2.0mm FROM BODY		3 SEC. MAX

\* t<10µS

## NOTES:

- 1. SSL-LX2573BID, BLINKING RED LED, TRIM LEADS TO 3~4mm LONG.
- 2. SSH-LXMP059-HSG, BLACK HOLDER.
- 3. SSH-LXMP059-BSG2, BUSHING.
- ANODE LEAD: LXP-WST24RDTOC, RED INSULATED, 24 AWG., CUT 155mm, STRIP 3mm & 9.5mm.
- 5. CATHODE LEAD: LXP-WST24BLTOC, BLACK INSULATED, 24 AWG., CUT 155mm, STRIP 3mm & 9.5mm.
- 6. CRIMP OR SOLDER LEAD WIRES TO LED AND ASSEMBLE INTO HOUSING.

PART NUMBER
SSI-LXMP059BID-150

635nm BLINKING RED RECTANGULAR LED PANEL INDICATOR, RED DIFFUSED LENS, 6" WIRE LEADS.

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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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