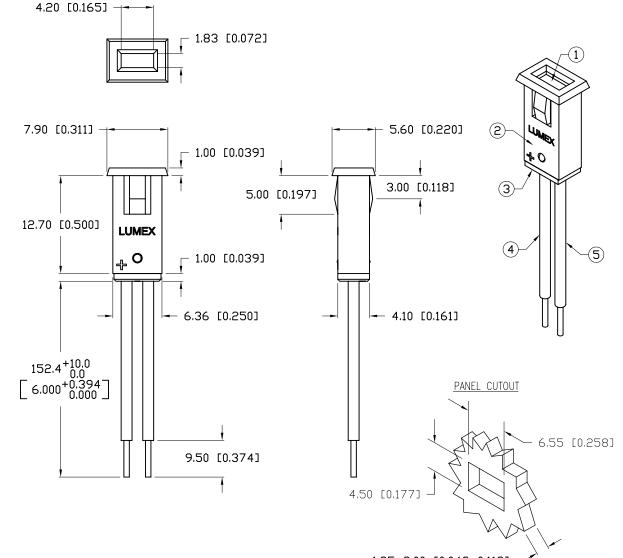
## SSI-LXMP059ID5V150



ELECTRO-OPTICAL CH	ARACTERISTICS T,	A=25°C	$V_f =$	5 V	
PARAMETER	MIN	TYP	MAX	UNITS	TEST COND
PEAK WAVELENGTH		635		nm	
FORWARD VOLTAGE		5.0	7.0	Vf	
REVERSE VOLTAGE	5.0			$V_r$	I <sub>r</sub> =100μΑ
AXIAL INTENSITY		10		mcd	$V_f = 5 V$
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 VOLTAGE	7	V
STEADY CURRENT	12	mA
POWER DISSIPATION	310	mW
DERATE FROM 25°C	- 1.2	mW/°C
OPERATING, STORAGE TEMP.	- 40 TO + 85	°C

## NOTES:

- 1. SSL-LX2573ID-5V, RED LED. TRIM LEADS TO 3~4mm LONG.
- 2. SSH-LXMP059-HSG, BLACK HOLDER.
- 3. SSH-LXMP059-BSG2, BUSHING.
- 4. ANODE LEAD: LXP-WST24RDTOC, RED INSULATED, 24 AWG., CUT 155mm, STRIP 3mm & 9.5mm.
- 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.

1.25~3.00 [0.049~0.118]  $\frac{1}{1.25}$  ( $\frac{1}{1.25}$  ( $\frac{1}{1.25}$ ),  $\frac{1}{1.25}$ ),  $\frac{1}{1.25}$  ( $\frac{1}{1.25}$ ),  $\frac{1}{1.25}$  ( $\frac{1}{1.25}$ ),  $\frac{1}{1.$ 

PART NUMBER
A SSI-LXMP059ID5V150

635nm RED RECTANGULAR LED PANEL INDICATOR, RED DIFFUSED LENS. 6" WIRE LEADS. 5 VOLTS.

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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Y: DATE: 8.7.01 PAGE: 1 OF 1 SCALE: N/A