



ELECTRO-OPTICAL CHARACTERISTICS  $T_A=25^\circ\text{C}$   $V_f=5\text{V}$

PARAMETER	MIN	TYP	MAX	UNITS	TEST COND
PEAK WAVELENGTH		635		nm	
FORWARD VOLTAGE		5.0	7.0	$V_f$	
REVERSE VOLTAGE	5.0			$V_r$	$I_r=100\mu\text{A}$
AXIAL INTENSITY		10		mcd	$V_f=5\text{V}$
VIEWING ANGLE		110		2x theta	
EMITTED COLOR:	RED				
EPOXY LENS FINISH:	RED DIFFUSED				

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

PARAMETER	MAX	UNITS
PEAK FORWARD VOLTAGE	7	V
STEADY CURRENT	12	mA
POWER DISSIPATION	310	mW
DERATE FROM $25^\circ\text{C}$	-1.2	mW/ $^\circ\text{C}$
OPERATING, STORAGE TEMP.	-40 TO +85	$^\circ\text{C}$

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-WST24RDT0C, RED INSULATED, 24 AWG., CUT 155mm, STRIP 3mm & 9.5mm.
5. CATHODE LEAD: LXP-WST24BLT0C, BLACK INSULATED, 24 AWG., CUT 155mm, STRIP 3mm & 9.5mm.
6. CRIMP OR SOLDER LEAD WIRES TO LED AND ASSEMBLE INTO HOUSING.

\*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.=<sup>+DECIMAL PRECISION</sup>/<sub>-0.00</sub> MAX.=<sup>+0.00</sup>/<sub>-DECIMAL PRECISION</sub>

REV. A	PART NUMBER SSI-LXMP059ID5V150
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635nm RED RECTANGULAR LED PANEL INDICATOR,  
RED DIFFUSED LENS, 6" WIRE LEADS, 5 VOLTS.

**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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