

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

PARAMETER	MIN	TYP	MAX	UNITS	TEST COND
PEAK WAVELENGTH		565		nm	
FORWARD VOLTAGE		5.0	7.0	$V_f$	
REVERSE VOLTAGE	5.0			$V_r$	$I_r=100\mu\text{A}$
AXIAL INTENSITY		5		mcd	$V_f=5\text{ V}$
VIEWING ANGLE		110		2x theta	
EMITTED COLOR:	GREEN				
EPOXY LENS FINISH:	GREEN 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	$^{\circ}\text{C}$
SOLDERING TEMP.	+260	$^{\circ}\text{C}$
2.0mm FROM BODY	3 SEC. MAX	

## NOTES:

1. SSL-LX2573GD-5V, GREEN LED, TRIM LEADS TO 3.5mm LONG.
2. TWO PIECE HOLDER:  
SSH-LXMP059-HSG, HOUSING,  
SSH-LXMP059-BSC2, BUSHING.
3. ANODE: LXP-WST24RDT0C, RED INSULATED LEAD, 24 AWG.,  
CUT 160mm, STRIP 3mm & 9.5mm.
4. CATHODE: LXP-WST24BLT0C, BLACK INSULATED LEAD, 24 AWG.,  
CUT 160mm, STRIP 3mm & 9.5mm.
5. CRIMP OR SOLDER WIRES TO LED LEADS AND ASSEMBLE INTO HOLDER.
6. PANEL CUT OUT: 4.5mm x 6.55mm.
7. PANEL THICKNESS: 1.25mm-3.00mm

UNCONTROLLED DOCUMENT

\*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=+0.00 / -0.00, MAX=+0.00 / -0.00

REV.

PART NUMBER

SSI-LXMP059GD5V150

RECTANGULAR PANEL MOUNT INDICATOR, 565nm GREEN LED,  
GREEN 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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PAGE: 1 OF 1

SCALE: N/A