



NOTES:

1. SSL-LX2573HGW, LED. TRIM LEADS TO 3-4mm LONG.
2. SSH-LXMP059-HSG HOUSING. MATERIAL: BLACK NYLON UL 94V-0.
3. SSH-LXMP059-BSG2 BUSHING. MATERIAL: BLACK NYLON UL 94V-0.
4. PANEL CUTOFF: 4.5mm x 6.55mm.
5. PANEL THICKNESS: MIN. 1.25mm ~ MAX. 3.00mm.

ELECTRO-OPTICAL CHARACTERISTICS $T_A=25^\circ\text{C}$ $I_f=20\text{mA}$

PARAMETER	MIN	TYP	MAX	UNITS	TEST COND
PEAK WAVELENGTH		700 (RED)		nm	
		565 (GREEN)		nm	
FORWARD VOLTAGE (R/G)		2.0/2.2	2.5/2.6	V _f	
REVERSE VOLTAGE	5.0			V _r	$I_r=100\mu\text{A}$
AXIAL INTENSITY (R/G)		4/10		mcd	$I_f=20\text{mA}$
VIEWING ANGLE		80		2x theta	
EMITTED COLOR:	RED/GREEN				
EPOXY LENS FINISH:	WATER CLEAR				

LIMITS OF SAFE OPERATION AT 25°C

PARAMETER	MAX	UNITS
PEAK FORWARD CURRENT*	150	mA
STEADY CURRENT	25	mA
POWER DISSIPATION	105	mW
DERATE FROM 25°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

* $t < 10\mu\text{s}$

*TOLERANCES PER DECIMAL PRECISION ARE: X=±1 (±0.039), X.X=±0.5 (±0.020), X.XX=±0.25 (±0.010), LEAD LENGTH=±0.75 (±0.030), MIN=+0.00 DECIMAL PRECISION MAX=+0.00 DECIMAL PRECISION

REV.

PART NUMBER

SSI-LXMP059HGW

2mm x 5mm RECTANGULAR PANEL INDICATOR,
REG/GREEN BICOLOR LED, MILKY WHITE DIFFUSED LENS.

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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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SCALE: N/A

BC