



*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= $^{+0.00}$ MAX= $^{+0.00}$ DECIMAL PRECISION

REV.	E.C.N. NUMBER AND REVISION COMMENTS	DATE
A	REDRAWN, UPDATED SPECS.	12.20.94
B	E.C.N. #10122.	6.28.96
C	E.C.N. #10BRDR. & REDRAWN IN 3D.	1.7.02

ELECTRO-OPTICAL CHARACTERISTICS TA=25°C If=20mA

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	Vf	
REVERSE VOLTAGE	5.0			Vr	If=100µA
AXIAL INTENSITY (R/G)		4/7		mcd	If=20mA
VIEWING ANGLE		110		2x theta	
EMITTED COLOR:	RED/GREEN				
EPOXY LENS FINISH:	MILKY WHITE DIFFUSED				

LIMITS OF SAFE OPERATION AT 25°C

PARAMETER	COLORS	MAX	UNITS
PEAK FORWARD CURRENT*		150	mA
STEADY CURRENT		25	mA
POWER DISSIPATION	(R/G)	120/105	mW
DERATE FROM 25°C		-1.2	mW/°C
OPERATING, STORAGE TEMP.		-40 TO +85	°C

* t<10µS

NOTES:

1. SSL-LX2573HGW, RED/GREEN LED, TRIM LEADS TO 3~4mm LONG.
2. SSH-LXMP059-HSC, BLACK HOLDER.
3. SSH-LXMP059-BSC2, BUSHING.
4. RED ANODE: LXP-WST24RDT0C, RED INSULATED, 24 AWG., CUT 100mm, STRIP 3mm & 9.5mm.
5. GREEN ANODE: LXP-WST24BLTOC, BLACK INSULATED, 24 AWG., CUT 100mm, STRIP 3mm & 9.5mm.
6. CRIMP OR SOLDER LEAD WIRES TO LED AND ASSEMBLE INTO HOUSING.

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[SSI-LXMP059HGW-95](#)