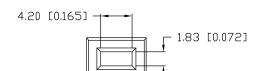
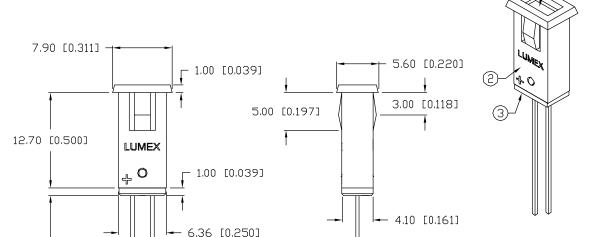
## UNCONTROLLED DOCUMENT

## PART NUMBER SSI-LXMP059HGW

REV.	E.C.N.	NUMBER	AND	REVISION	COMMENTS	DA	ATE
Α	E.C.N.	#10BRDR	. &	REDRAWN	IN 3D.	1.7	7.02





ELECTRO-OPTICAL CHARACTERISTICS TA=25°C If=20mA							
PARAMETER	MIN	TYP	MAX	UNITS	TEST COND		
PEAK WAVELENGTH		700 (RED)		пm			
		565 (GREEN	>	nm			
FORWARD VOLTAGE (R/G)		2.0/2.2	2.5/2.6	Vf			
REVERSE VOLTAGE	5.0			$V_{r}$	I <sub>r</sub> =100µA		
AXIAL INTENSITY (R/G)		4/10		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
SOLDERING TEMP.		+ 260	°C
2.0mm FROM BODY			3 SEC. MAX

\* t<10µS

## NOTES:

- 1. SSL-LX2573HGW, RED/GREEN LED.
- 2. SSH-LXMP059-HSG, BLACK HOUSING.
- 3. SSH-LXMP059-BSG, BLACK BUSHING.

\*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= +DECIMAL PRECISION -0.00

6.55 [0.258]

REV.

20.3 [0.799]

RED

ANDDE

0.50 [0.020] SQR. (2 PLS.)

> PART NUMBER SSI-LXMP059HGW

GREEN

ANDDE 1.50 [0.059]

2.54 [0.100]

RED/GREEN RECTANGULAR PANEL INDICATOR, MILKY WHITE DIFFUSED LENS.

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PANEL CUTOUT

4.50 [0.177]

1,25~3,00 [0,049~0,118]

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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APPROVED BY: DRAWN BY: CHECKED BY:

DATE: 1.28.00 PAGE: 1 OF 1 SCALE: N/A