



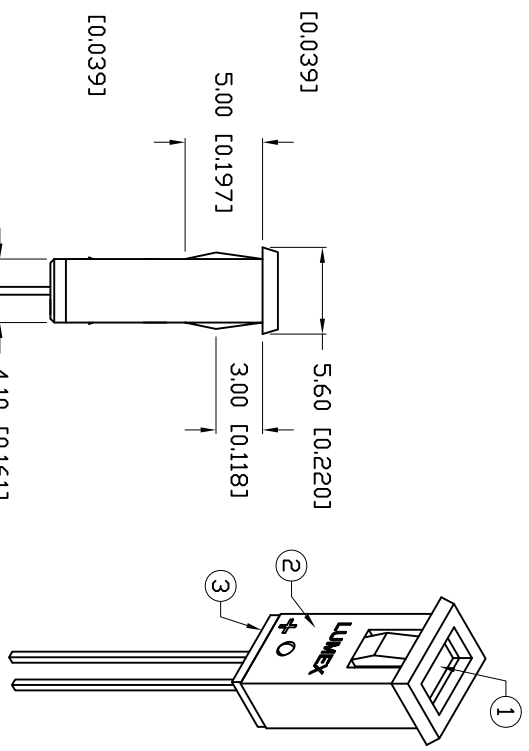
**THE DATASHEET OF
SSI-LXMP059GD**



PART NUMBER	SSI-LXMP059GD		REV.	D
DATE	E.C.N. NUMBER AND REVISION COMMENTS			REV.
12.19.94	ADDED DIMS, NOTES AND UPDATED SPECS.			A
03.01.96	E.C.N. #10122.			B
01.07.02	E.C.N. #10BRDR. & REDRAWN & REDRAWN IN 3D.			C
02.22.13	E.C.N. #10BRDR. & REDRAWN.			D

[A]

3 [0.072]



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

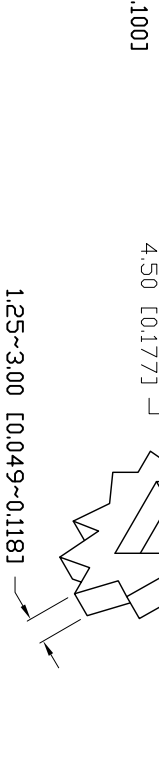
PARAMETER	MIN	TYP	MAX	UNITS	TEST COND
PEAK WAVELENGTH		565		nm	
FORWARD VOLTAGE		2.2	2.6	V _f	$I_f=100\mu\text{A}$
REVERSE VOLTAGE	5.0			V _r	
AXIAL INTENSITY		10		mcd	$I_f=20\text{mA}$
VIEWING ANGLE		110		2x theta	
EMITTED COLOR:	GREEN				
EPOXY LENS FINISH:	GREEN DIFFUSED				

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/°C
OPERATING, STORAGE TEMP.	-40 TO +85	°C
SOLDERING TEMP.	+260	°C
2.0mm FROM BODY		3 SEC. MAX
* $t < 10\mu\text{s}$		

NOTES:

- SSL-LX2573GD, GREEN LED.
- SSH-LXMP059-HSG, BLACK HOUSING.
- SSH-LXMP059-BSG, BLACK BUSHING.



1.100]

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 -0.00mm PRECISION MAX.= +0.00 -0.00mm PRECISION
 UNCONTROLLED DOCUMENT
 DATE: 02.22.13 DRAWN BY: MA
 PAGE: 1 OF 1 CHKD BY: SS
 SCALE: NTS APRVD BY: SS
 UNIT: mm [INCH]

THE SPECIFICATIONS MAY CHANGE AT ANY TIME WITHOUT NOTICE DUE TO NEW MATERIALS OR PRODUCT IMPROVEMENT.
 565nm GREEN RECTANGULAR PANEL INDICATOR, GREEN DIFFUSED LENS.
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- ⊖ [Lumex Opto/Components Inc. Information](#)

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