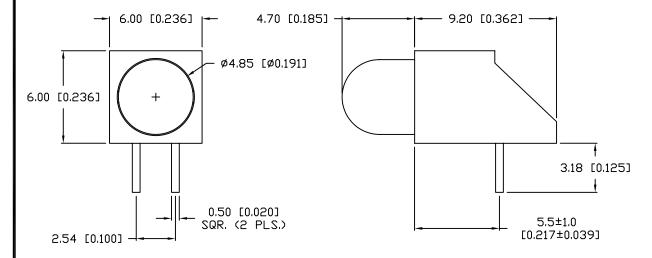
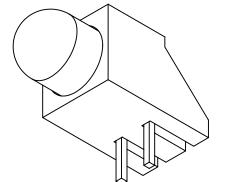
### SSF-LXH100GD-12V01



ELECTRO-OPTICAL CHARACTERISTICS TA=25°C		$V_f = 12V$			
PARAMETER	MIN	TYP	MAX	UNITS	TEST COND
PEAK WAVELENGTH		565		nm	
FORWARD VOLTAGE		12.0	14.0	$V_{f}$	
REVERSE VOLTAGE	5.0			$V_r$	Ir=100µA
AXIAL INTENSITY		20		mcd	$V_f = 12V$
VIEWING ANGLE		60		2x theta	
EMITTED COLOR:	GREEN				
EPOXY LENS FINISH:	GREEN DIFFUSED				



ANDDE

#### LIMITS OF SAFE OPERATION AT 25°C

PARAMETER	MAX	UNITS
PEAK FORWARD VOLTAGE	14.0	٧
STEADY CURRENT	12	mA
POWER DISSIPATION	310	mW
DERATE FROM 25°C	<b>- 1.2</b>	mW/°C
OPERATING, STORAGE TEMP.	-40 TO +85	•C
SOLDERING TEMP.	+ 260	•C
2.0mm FROM BODY		3 SEC. MAX

#### NOTES:

- 1. SSL-LX509F3GD-12V, GREEN LED.
- 2. SSH-LXH100, BLACK HOLDER.

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=+DECIMAL PRECISION DECIMAL PRECISION DECIMAL

290 PALAT PHON US W

290 E. HELEN ROAD PALATINE, IL 60067-6976 PHONE: +1.847.359.2790 US WEB: www.lumex.com TW WEB: www.lumex.com.tw

<u>RELIABILITY NOTE</u>

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.

THE INFORMATION CONTAINED IN THIS DOCUMENT IS THE PROPERTY OF

LUMEX INC. EXCEPT AS SPECIFICALLY AUTHORIZED IN WRITING BY LUMEX

INC., THE HOLDER OF THIS DOCUMENT SHALL KEEP ALL INFORMATION

CONTAINED HEREIN CONFIDENTIAL AND SHALL PROTECT SAME IN WHOLE OR IN PART FROM DISCLOSURE AND DISSEMINATION TO ALL THIRD PARTIES.

DRAWN BY:

CHECKED BY:

APPROVED BY

/ED BY: DATE: 5.03.04 PAGE: 1 OF 1 SCALE: N/A

565nm GREEN DIFFUSED LED, 12V OPERATION.

PART NUMBER

SSF-LXH100GD-12V01

T-5mm (T-1 3/4) LED, RIGHT ANGLE FAULT INDICATOR,

GB

# REV.

## **Mouser Electronics**

**Authorized Distributor** 

Click to View Pricing, Inventory, Delivery & Lifecycle Information:

Lumex:

SSF-LXH100GD-12V01