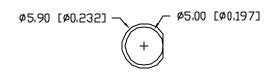
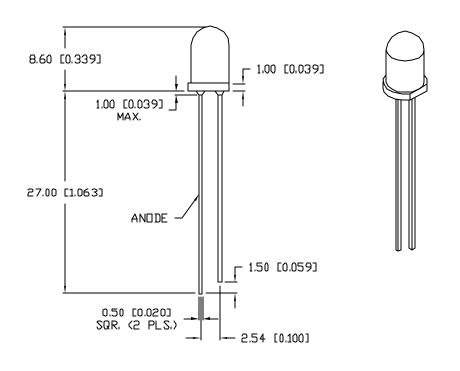
## UNCONTROLLED DOCUMENT

PART NUMBER
SSL-LX5093YD-12V

REV.

| REV. | E.C.N. NUMBER AND REVISION COMMENTS | DATE     |
|------|-------------------------------------|----------|
| Α    | E.C.N. #11148                       | 10.30.06 |





| ELECTRO-OPTICAL CH                 | HARACTERISTICS | TA=25°C | $V_f = 1$ | 2V       |             |
|------------------------------------|----------------|---------|-----------|----------|-------------|
| PARAMETER                          | MIN            | TYP     | MAX       | UNITS    | TEST COND   |
| PEAK WAVELENGTH                    |                | 585     |           | nm       |             |
| FORWARD VOLTAGE                    |                | 12.0    | 14.0      | ۷f       |             |
| REVERSE VOLTAGE                    | 5.0            |         |           | ٧r       | Aس100 r=1   |
| AXIAL INTENSITY                    |                | 10      |           | mcd      | $V_f = 12V$ |
| VIEWING ANGLE                      |                | 60      |           | 2x theta |             |
| EMITTED COLOR:                     | YELLOW         |         |           |          |             |
| EPOXY LENS FINISH: YELLOW DIFFUSED |                |         |           |          |             |

LIMITS OF SAFE OPERATION AT 25°C

| PARAMETER                | MAX          | UNITS          |  |
|--------------------------|--------------|----------------|--|
| PEAK FORWARD VOLTAGE     | 14           | ٧              |  |
| STEADY CURRENT           | 12           | mA             |  |
| POWER DISSIPATION        | 310          | mW             |  |
| DERATE FROM 25°C         | - 0.7        | m₩/ <b>"</b> C |  |
| OPERATING, STORAGE TEMP. | - 40 TO + 85 | <b>'</b> C     |  |
| SOLDERING TEMP.          | + 260        | <b>.</b> C     |  |
| 2.0mm FROM BODY          |              | 3 SEC. MAX     |  |

A



UNCONTROLLED DOCUMENT

\*UNLESS OTHERWISE SPECIFIED TOLERANCES PER DECINAL PRECISION ARE: X=±1 (±0.039), XX=±0.5 (±0.020), XXX=±0.25 (±0.010), XXXX=±0.127 (±0.0305). LEAD SIZE=±0.05 (±0.002), LEAD LENGTH=±0.75 (±0.030), MN= +0.000 MAX.= +0.000 MAX.=

A SSL-LX5093YD-12V

T-5mm (T-1 3/4) 585nm YELLOW LED, YELLOW DIFFUSED LENS, 12 VOLT OPERATION. CONFIDENTIAL INFORMATION

THE INFORMATION CONTAINED IN THIS DOCUMENT IS THE PROPERTY OF LUMEX NO. 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.

RELABILITY 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.



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

US WEB: www.lumex.com.tw

DRAWN BY: CHECKED BY: APPROVED BY: DATE: 10.30.06
PAGE: 1 OF 1
JC SCALE: N/A

## **X-ON Electronics**

Largest Supplier of Electrical and Electronic Components

Click to view similar products for Standard LEDs - Through Hole category:

Click to view products by Lumex manufacturer:

Other Similar products are found below:

LTL-10254W LTL-1214A LTL-3251A LTL-4262N LTL-433P LTL-5234 LTL87HTBK LTW-87HD4B HLMP-EL30-PS0DD

1L0532V23G0TD001 NSPW500CS NTE30036 NTE30044 NTE30059 NTE3020 LD CQDP-1U3U-W5-1-K LP379PPG1C0G0300001

SLR-342MC3F SLX-LX3044GD SLX-LX3044ID SLX-LX3044YD 1.90690.3330000 SSS-LX4673ID-410B 1L0532Y24I0TD001 2647SYGD/S530-E2 HLMP-1301-G00FG HLMP1385 LTL-10224W LTL-1224A LTL-1234A LTL-2251AT LTL-403HR LTL-4222 LU7-E-B
4380H1 HLMP-3962-F0002 HLMP-GG15-R0000 323-2SURD/S530-A3 L53SRC/E-Z L-7679C1ZGC 4302T1-5V 4306D23 4363D1/5

WP1503SRC/J4 WP153GDT WP153YDT WP1543SGC WP1543SURC WP53MGD WP7113HD