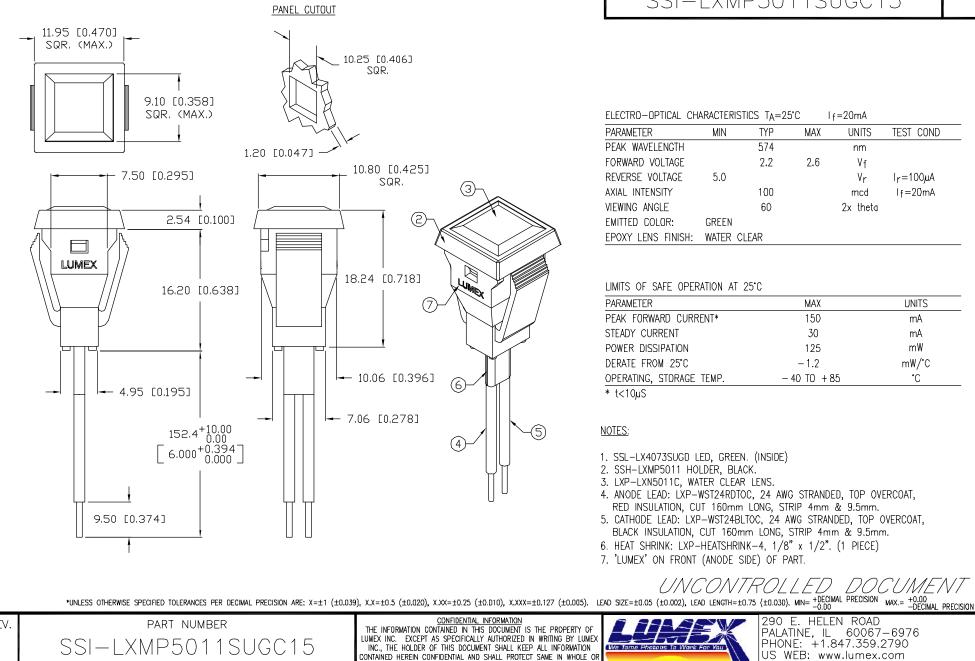
UNCONTROLLED DOCUMENT



PART NUMBER SSI-LXMP5011SUGC15

| ELECTRD-OPTICAL CHARACTERISTICS $T_A=25^{\circ}C$ I f=20mA | | | | | | | | |
|--|-------|-------|-----|----------|------------------------|--|--|--|
| PARAMETER | MIN | ΤΥΡ | MAX | UNITS | TEST COND | | | |
| PEAK WAVELENGTH | | 574 | | nm | | | | |
| FORWARD VOLTAGE | | 2.2 | 2.6 | Vf | | | | |
| REVERSE VOLTAGE | 5.0 | | | Vr | l _r =100,uA | | | |
| AXIAL INTENSITY | | 100 | | mcd | lf=20mA | | | |
| VIEWING ANGLE | | 60 | | 2x theta | | | | |
| EMITTED COLOR: | GREEN | | | | | | | |
| EPOXY LENS FINISH: | WATER | CLEAR | | | | | | |

LIMITS OF SAFE OPERATION AT 25°C

| PARAMETER | MAX | UNITS |
|--------------------------|------------|-------|
| PEAK FORWARD CURRENT* | 150 | mA |
| STEADY CURRENT | 30 | mA |
| POWER DISSIPATION | 125 | mW |
| DERATE FROM 25°C | -1.2 | mW/'C |
| OPERATING, STORAGE TEMP. | -40 TD +85 | •C |
| * t<10µS | | |

NOTES:

- 1. SSL-LX4073SUGD LED, GREEN. (INSIDE)
- 2. SSH-LXMP5011 HOLDER, BLACK.
- 3. LXP-LXN5011C, WATER CLEAR LENS.
- 4. ANODE LEAD: LXP-WST24RDTOC, 24 AWG STRANDED, TOP OVERCOAT, RED INSULATION, CUT 160mm LONG, STRIP 4mm & 9.5mm.
- 5. CATHODE LEAD: LXP-WST24BLTOC, 24 AWG STRANDED, TOP OVERCOAT, BLACK INSULATION, CUT 160mm LONG, STRIP 4mm & 9.5mm.
- 6. HEAT SHRINK: LXP-HEATSHRINK-4, 1/8" x 1/2". (1 PIECE)
- 7. 'LUMEX' ON FRONT (ANODE SIDE) OF PART.

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| REV. | PART NUMBER | <u>CONFIDENTIAL INFORMATION</u> THE INFORMATION CONTAINED IN THIS DOCUMENT IS THE PROPERTY OF | i iila | | 290 E. HELEN ROAD PALATINE, IL 60067-6976 PHONE: +1.847.359.2790 US WEB: www.lumex.com TW WEB: www.lumex.com.tw | | |
|------|---|--|------------------------|--------------|---|-----------------|---------------|
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| | 12mm SQUARE PANEL INDICATOR WITH LENS, | RELIABILITY NOTE OUR MANY YEARS OF EXPERIENCE DATA ACCUMULATION INDICATE THAT | DRAWN BY: | | APPROVED BY: | DATE: | 6.5.03 |
| 57 | 4nm GREEN LED, WATER CLEAR LENS, 6" WIRE LEADS. | SOLDER HEAT IS A MAJOR CAUSE OF EARLY AND FUTURE FAILURE. PLEASE PAY ATTENTION TO YOUR SOLDERING PROCESS. | BC | | | PAGE: SCALE: | 1 OF 1 N/A |

REV.

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