



PANEL HOLE: 0.250"
PANEL THICKNESS: 0.030" MIN.

| PART NUMBER | SSI-LXH600IGW-500 | REV. | C |
|-------------|-------------------------------------|------|------|
| DATE | E.C.N. NUMBER AND REVISION COMMENTS | | REV. |
| 02.05.99 | E.C.N. #10BRDR. & REDRAWN. | | A |
| 07.25.01 | E.C.N. #10BRDR. & REDRAWN. | | B |
| 12.21.12 | E.C.N. #10BRDR. & REDRAWN. | | C |

A

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

| PARAMETER | MIN | TYP | MAX | UNITS | TEST COND |
|-----------------------|----------------------|-------------|---------|----------|----------------------|
| PEAK WAVELENGTH | | 635 (RED) | | nm | |
| | | 565 (GREEN) | | nm | |
| FORWARD VOLTAGE (R/G) | | 2.1/2.2 | 2.5/2.6 | V_f | |
| REVERSE VOLTAGE | 5.0 | | | V_r | $I_r=100\mu\text{A}$ |
| AXIAL INTENSITY | | 25 | | mcd | $I_f=20\text{mA}$ |
| VIEWING ANGLE | | 60 | | 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 | (R/G) | 30/25 | mA |
| POWER DISSIPATION | | 105 | mW |
| DERATE FROM 25°C | | -1.2 | mW/ $^{\circ}\text{C}$ |
| OPERATING, STORAGE TEMP. | | -40 TO +85 | $^{\circ}\text{C}$ |
| SOLDERING TEMP. | | +260 | $^{\circ}\text{C}$ |
| 2.0mm FROM BODY | | | 3 SEC. MAX |

* $t < 10\mu\text{s}$

NOTES:

- SSL-LX509F3IGW LED.
- SSH-LXH600 HOLDER, BLACK.
- RED ANODE LEAD: LXP-WST24RDTOC, 24 AWG STRANDED, TOP OVERCOAT, RED INSULATION, CUT 516mm LONG, STRIP 4mm & 9.5mm.
- GREEN ANODE LEAD: LXP-WST24BLTOC, 24 AWG STRANDED, TOP OVERCOAT, BLACK INSULATION, CUT 516mm LONG, STRIP 4mm & 9.5mm.

*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 MAX.= -DECIMAL PRECISION

UNCONTROLLED DOCUMENT

T-5mm(T-1 3/4)LED,PANEL MOUNT INDICATOR,R/G BICOLOR LED,MILKY WHITE DIFF LENS,W/ 20" WIRE LEADS.

THE SPECIFICATIONS MAY CHANGE AT ANY TIME WITHOUT NOTICE DUE TO NEW MATERIALS OR PRODUCT IMPROVEMENT.

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|--------|-----------|-----------|------|
| DATE: | 12.21.12 | DRAWN BY: | MA |
| PAGE: | 1 OF 1 | CHKD BY: | DT |
| SCALE: | NTS | APRVD BY: | DT |
| UNIT: | mm [INCH] | | (P6) |

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