



PANEL HOLE:  $\varnothing 0.250^*$   
PANEL THICKNESS: 0.030" MIN.

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

| PARAMETER             | MIN                  | TYP                      | MAX     | UNITS    | TEST COND            |
|-----------------------|----------------------|--------------------------|---------|----------|----------------------|
| PEAK WAVELENGTH       |                      | 700 (RED)<br>565 (GREEN) |         | nm       |                      |
| FORWARD VOLTAGE (R/G) |                      | 2.0/2.2                  | 2.5/2.6 | $V_f$    |                      |
| REVERSE VOLTAGE       | 5.0                  |                          |         | $V_r$    | $I_f=100\mu\text{A}$ |
| AXIAL INTENSITY (R/G) |                      | 6/25                     |         | 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           |        | 25         | mA         |
| POWER DISSIPATION        | (R/G)  | 120/105    | 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-LX509F3HGW LED.
- SSH-LXH600 HOLDER, BLACK.
- RED ANODE LEAD: LXP-WST26R0TOC, 26 AWG STRANDED, TOP OVERCOAT, RED INSULATION, CUT 310mm LONG, STRIP 4mm & 9.5mm.
- GREEN ANODE LEAD: LXP-WST26BLTOC, 26 AWG STRANDED, TOP OVERCOAT, BLACK INSULATION, CUT 310mm 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= <sup>+0.00</sup>/<sub>-0.00</sub> DECIMAL PRECISION, MAX= <sup>+0.00</sup>/<sub>-0.00</sub> DECIMAL PRECISION

REV.

PART NUMBER

SSI-LXH600HGW30880

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RELIABILITY 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.



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T-5mm (T-1 3/4) LED, PANEL MOUNT INDICATOR,  
RED/GREEN BICOLOR LED, MILKY WHITE DIFFUSED LENS,  
WITH 12" WIRE LEADS, 26 AWG.

DRAWN BY:

JD

CHECKED BY:

APPROVED BY:

DATE: 5.25.05

PAGE: 1 OF 1

SCALE: N/A