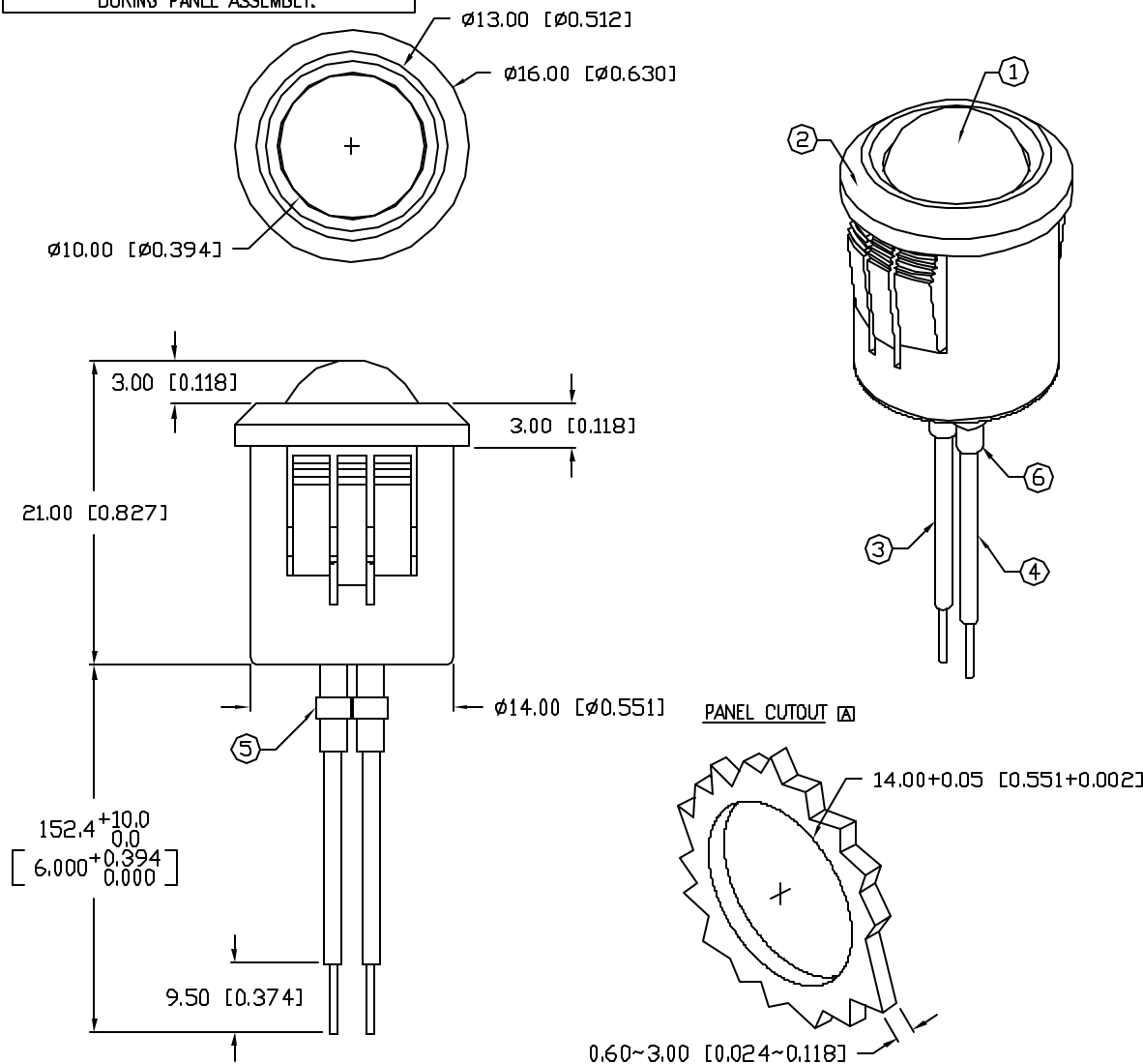


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CAUTION: PRESSURE SENSITIVE ASSEMBLY
AVOID APPLYING PRESSURE TO LED
DURING PANEL ASSEMBLY.



*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.= -0.00, MAX.= +0.00

PART NUMBER
SSI-LXH1090IGW-150

REV.
B

| REV. | E.C.N. NUMBER AND REVISION COMMENTS | DATE |
|------|-------------------------------------|--------|
| A | E.C.N. #10539. | 3.9.00 |
| B | E.C.N. #10BRDR. & REDRAWN IN 3D. | 1.5.02 |

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) | | 2.0/2.2 | 2.5/2.6 | V_f | |
| REVERSE VOLTAGE | 5.0 | | | V_r | $I_r=100\mu\text{A}$ |
| AXIAL INTENSITY (R/G) | | 30/25 | | 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 | $^{\circ}\text{C}$ |

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

NOTES:

- SSL-LX100133IGW LED.
- SSH-RTF1090 HOLDER.
- RED ANODE: LXP-WST24RDTQC, 24 AWG STRANDED, RED INSULATION, CUT 144mm LONG, STRIP 3mm & 9.5mm.
- GREEN ANODE: LXP-WST24BLTQC, 24 AWG STRANDED, BLACK INSULATION, CUT 144mm LONG, STRIP 3mm & 9.5mm.
- CRIMP WIRE LEADS TO LED LEADS.
- 2 PIECES- 32mm, 1/16" BLACK HEAT SHRINK TUBING.
- UV EPOXY TO RETAIN LED IN HOLDER.

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PART NUMBER
SSI-LXH1090IGW-150

T-10mm RED/GREEN LED PANEL INDICATOR,
MILKY WHITE DIFFUSED LENS, 6" WIRE LEADS.

CONFIDENTIAL INFORMATION
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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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