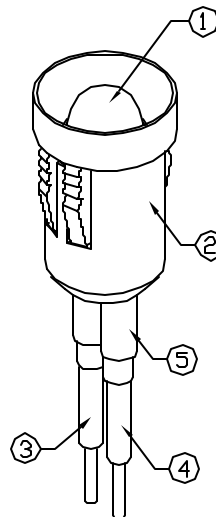
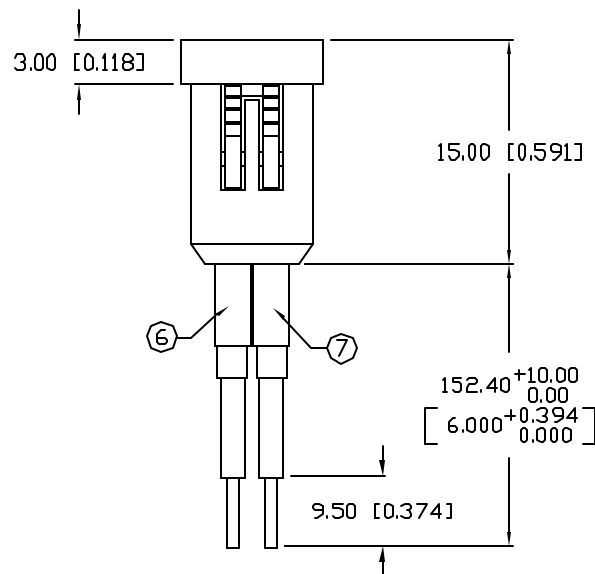


CAUTION: STATIC SENSITIVE DEVICE  
FOLLOW PROPER E.S.D. HANDLING PROCEDURES  
WHEN WORKING WITH THIS PART.



## NOTES:

1. SSL-LX5093UWC/B LED, CUT LEADS TO 4mm.
2. SSH-RTF5020 HOLDER.
3. ANODE LEAD: LXP-WST24RDTQC CUT 140 LONG, STRIP 3mm & 9.5mm.
4. CATHODE LEAD: LXP-WST24BLTQC CUT 140 LONG, STRIP 3mm & 9.5mm.
5. LXP-HEATSHRINK-8, (2 PCS.) 1/4" x 1/2" LONG.
6. LXP-RES 10K 2W. (NOT SHOWN)
7. LXP-DIODE-1N4004. (NOT SHOWN)

PANEL CUTOUT: 8.05mm  
PANEL THICKNESS: 0.6~2.8mm

ELECTRO-OPTICAL CHARACTERISTICS  $T_A=25^{\circ}\text{C}$   $V_f=120\text{V}$ 

| PARAMETER          | MIN         | TYP | MAX | UNITS    | TEST COND            |
|--------------------|-------------|-----|-----|----------|----------------------|
| PEAK WAVELENGTH    |             | -   |     | nm       |                      |
| FORWARD VOLTAGE    |             | 120 |     | $V_f$    |                      |
| REVERSE VOLTAGE    | 5.0         |     |     | $V_r$    | $I_r=100\mu\text{A}$ |
| AXIAL INTENSITY    |             | 900 |     | mcd      | $V_f=120\text{V}$    |
| VIEWING ANGLE      |             | 20  |     | 2x theta |                      |
| EMITTED COLOR:     | WHITE       |     |     |          |                      |
| EPOXY LENS FINISH: | WATER CLEAR |     |     |          |                      |

LIMITS OF SAFE OPERATION AT  $25^{\circ}\text{C}$ 

| PARAMETER                        | MAX        | UNITS                  |
|----------------------------------|------------|------------------------|
| PEAK FORWARD CURRENT*            | 100        | mA                     |
| STEADY CURRENT                   | 30         | mA                     |
| POWER DISSIPATION                | 120        | mW                     |
| DERATE FROM $25^{\circ}\text{C}$ | -1.2       | mW/ $^{\circ}\text{C}$ |
| OPERATING, STORAGE TEMP.         | -40 TO +85 | $^{\circ}\text{C}$     |

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

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

\*UNLESS OTHERWISE SPECIFIED TOLERANCES PER DECIMAL PRECISION ARE: X=±1 (±0.039), XX=±0.5 (±0.020), XXX=±0.25 (±0.010), XXXX=±0.127 (±0.005). LEAD SIZE=±0.05 (±0.002), LEAD LENGTH=±0.75 (±0.030), MIN=+DECIMAL PRECISION MAX.=+0.00/-DECIMAL PRECISION

REV.

PART NUMBER

SSI-LXR5020UW26008

T-5mm (T-1 3/4) ROUND PANEL INDICATOR LED,  
ULTRA WHITE LED, WATER CLEAR LENS,  
WITH 6" WIRE LEADS, 120V.

## 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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PAGE: 1 OF 1

SCALE: N/A