



| ELECTRO-OPTICAL CHARACTERISTICS $T_a=25^\circ\text{C}$ $I_f=5\text{V}$ | | | | | |
|--|----------------------|---------|-----|----------|----------------------|
| PARAMETER | MIN | TYP | MAX | UNITS | TEST COND |
| PEAK WAVELENGTH (R/Y) | | 635/585 | | nm | |
| FORWARD VOLTAGE (R/Y) | | 5.0 | 7.0 | Vf | |
| REVERSE VOLTAGE | 5.0 | | | Vr | $I_r=100\mu\text{A}$ |
| AXIAL INTENSITY (R/Y) | | 20/15 | | mcad | $I_f=5\text{V}$ |
| VIEWING ANGLE | | 60 | | 2x theta | |
| EMITTED COLOR: | RED/YELLOW | | | | |
| LENS FINISH: | MILKY WHITE DIFFUSED | | | | |

| LIMITS OF SAFE OPERATION AT 25°C | | |
|----------------------------------|------------|-------|
| PARAMETER | MAX | UNITS |
| PEAK FORWARD VOLTAGE | 7 | V |
| STEADY CURRENT | 12 | mA |
| POWER DISSIPATION | 310 | mW |
| DERATE FROM 25°C | -1.2 | mW/°C |
| OPERATING TEMP. | -40 TO +85 | °C |
| STORAGE TEMP. | -40 TO +85 | °C |
| SOLDERING TEMP. | +260 | °C |
| 2.0mm FROM BODY | 3 | SEC. |

NOTES:

- SSL-LX50991YW-CASV, RED/YELLOW LED. TRIM LEADS TO 7mm.
- SSI-LXR3816-B, BLACK ANODIZED HOUSING.
- SSH-LXH4815BSC-3, BUSHING.
- RED CATHODE: LXP-WST24RDT0C, 24 AWG. TINNED OVERCOAT, RED INSULATION, CUT 924mm LONG, STRIP 3.18mm AND 9.5mm.
- COMMON ANODE: LXP-WST24BLT0C, 24 AWG. TINNED OVERCOAT, BLACK INSULATION, CUT 924mm LONG, STRIP 3.18mm AND 9.5mm.
- YELLOW CATHODE: LXP-WST24GRT0C, 24 AWG. TINNED OVERCOAT, GREEN INSULATION, CUT 924mm LONG, STRIP 3.18mm AND 9.5mm.
- NO EXPOSED WIRE ALLOWED BEYOND END OF BUSHING.

*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= ^{+0.00} _{-0.00} DECIMAL PRECISION

UNCONTROLLED DOCUMENT



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T-5mm 635/585nm RED/YELLOW LED PANEL INDICATOR, 3 36" WIRE LEADS, MILKY WHITE, 5V OPERATION.

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

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