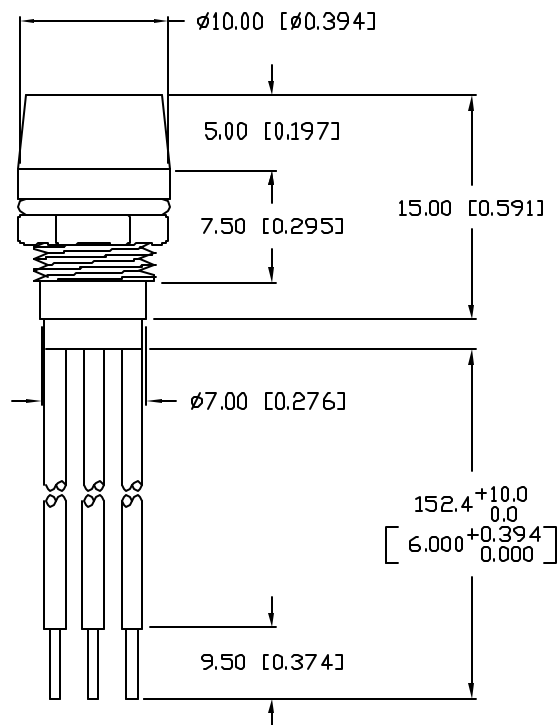
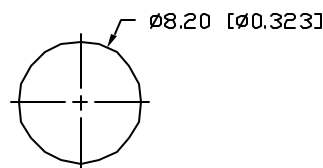


## NOTES:

1. SSL-LX5099SISUCG, RED/GREEN LED. TRIM LEADS TO 7mm.
2. SSI-LXR4815, CHROME HOUSING.
3. LXP-WA-3816, RUBBER GASKET.
4. SSH-LXH4815BSG-3, BLACK NYLON BUSHING.
5. RED ANODE LEAD: LXP-WST24RDTGC, RED INSULATION, CUT 160mm, STRIP 4.0mm & 9.0mm.
6. COMMON CATHODE LEAD: LXP-WST24BLTGC, BLACK INSULATION, CUT 160mm, STRIP 4.0mm & 9.0mm.
7. GREEN ANODE LEAD: LXP-WST24GRTOG, GREEN INSULATION, CUT 160mm, STRIP 4.0mm & 9.0mm.
8. THREAD LEADS THROUGH BUSHING, INSERT INTO HOUSING, BACKFILL WITH SILICON ADEHESIVE, INSERT BUSHING INTO HOUSING, CRIMP INTO PLACE.
9. WATER RESISTANT PER NEMA STANDARD 250, SECTION 6.7.
10. NO EXPOSED WIRE ALLOWED BEYOND END OF BUSHING.

## PANEL CUTOUT

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

| PARAMETER             | MIN | TYP         | MAX | UNITS          | TEST COND             |
|-----------------------|-----|-------------|-----|----------------|-----------------------|
| PEAK WAVELENGTH       |     | 636 (RED)   |     | nm             |                       |
|                       |     | 574 (GREEN) |     | nm             |                       |
| FORWARD VOLTAGE (R/G) |     | 2.0/2.1     | 2.5 | V <sub>f</sub> |                       |
| REVERSE VOLTAGE       | 5.0 |             |     | V <sub>r</sub> | I <sub>r</sub> =100μA |
| AXIAL INTENSITY (R/G) |     | 1300/700    |     | md             | I <sub>f</sub> =20mA  |
| VIEWING ANGLE         |     | 24          |     | 2x theta       |                       |
| EMITTED COLOR:        |     | RED/GREEN   |     |                |                       |
| EPOXY LENS FINISH:    |     | WATER CLEAR |     |                |                       |

## LIMITS OF SAFE OPERATION AT 25°C

| PARAMETER                | COLORS | MAX        | UNITS      |
|--------------------------|--------|------------|------------|
| PEAK FORWARD CURRENT*    | (R/G)  | 185/205    | mA         |
| STEADY CURRENT           | (R/G)  | 30/25      | mA         |
| POWER DISSIPATION        | (R/G)  | 170/105    | 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 |

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

\*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 DECIMAL PRECISION MAX.= +0.00 DECIMAL PRECISION

REV.

PART NUMBER

SSI-LXR4815SISUCW6

T-5mm RED/GREEN PANEL INDICATOR LED,  
WATER CLEAR LENS, 6" WIRE LEADS, COMMON CATHODE.

## 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