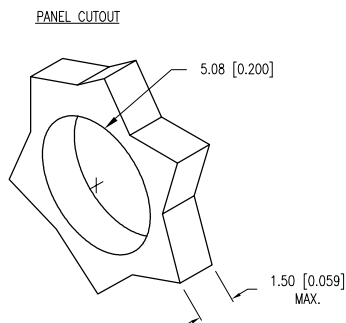
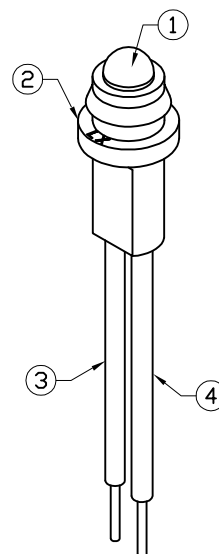
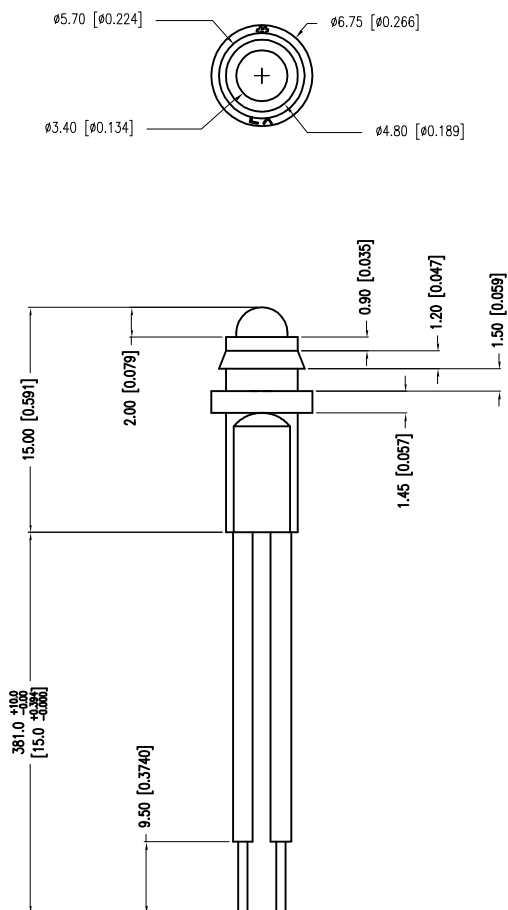




| ELECTRO-OPTICAL CHARACTERISTICS $T_A=25^\circ\text{C}$ |                      |     |         | $I_f=20\text{mA}$ |                                           |
|--------------------------------------------------------|----------------------|-----|---------|-------------------|-------------------------------------------|
| PARAMETER                                              | MIN                  | TYP | MAX     | UNITS             | TEST COND                                 |
| PEAK WAVELENGTH                                        | 636 (RED)            |     |         | nm                | $I_f=100\mu\text{A}$<br>$I_f=20\text{mA}$ |
|                                                        | 574 (GREEN)          |     |         | nm                |                                           |
| FORWARD VOLTAGE                                        | 2.0/2.2              |     |         | $V_f$             |                                           |
| REVERSE VOLTAGE                                        | 5.0                  |     | 2.5/2.6 | $V_r$             |                                           |
| AXIAL INTENSITY                                        |                      | TBD |         | mcd               | $I_f=20\text{mA}$                         |
| VIEWING ANGLE                                          |                      | 60  |         | $2\times \theta$  |                                           |
| EMITTED COLOR:                                         | RED/GREEN            |     |         |                   |                                           |
| EPOXY LENS FINISH:                                     | MILKY WHITE DIFFUSED |     |         |                   |                                           |

| LIMITS OF SAFE OPERATION AT $25^\circ\text{C}$ |            |                            | PER DIE |
|------------------------------------------------|------------|----------------------------|---------|
| PARAMETER                                      | MAX        | UNITS                      |         |
| PEAK FORWARD CURRENT*                          | 100        | mA                         |         |
| STEADY CURRENT                                 | 30/25      | mA                         |         |
| POWER DISSIPATION                              | 90         | mW                         |         |
| DERATE FROM $25^\circ\text{C}$                 | -1.6       | $\text{mW}/^\circ\text{C}$ |         |
| OPERATING TEMP.                                | -40 TO +85 | $^\circ\text{C}$           |         |
| SOLDERING TEMP.                                | +260       | $^\circ\text{C}$           |         |
| 2.0mm FROM BODY                                |            | 3 SEC MAX.                 |         |

## NOTES:

1. SSL-LX306F4SISUGW, BICOLOR LED.
2. SSH-RM3091, BLACK RUBBER HOUSING.
3. RED ANODE LEAD: LXP-WST26ROTC, 26 AWG STRANDED, RED INSULATION, CUT 390mm LONG, STRIP 2mm & 9.5mm.
4. GREEN ANODE LEAD: LXP-WST26BLTC, 26 AWG STRANDED, BLACK INSULATION, CUT 390mm LONG, STRIP 2mm & 9.5mm.
5. CRIMP OR SOLDER WIRE LEADS TO LED LEADS.

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

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



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T-3mm RED/GREEN BICOLOR LED PANEL INDICATOR, MILKY WHITE DIFFUSED LENS, 15" WIRE LEADS.

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

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DATE: 07.30.10 DRAWN BY: AB

PAGE: 1 OF 1 CHKD BY: BC

SCALE: N/A APRVD BY: KF

UNIT: mm [INCH] (R)

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