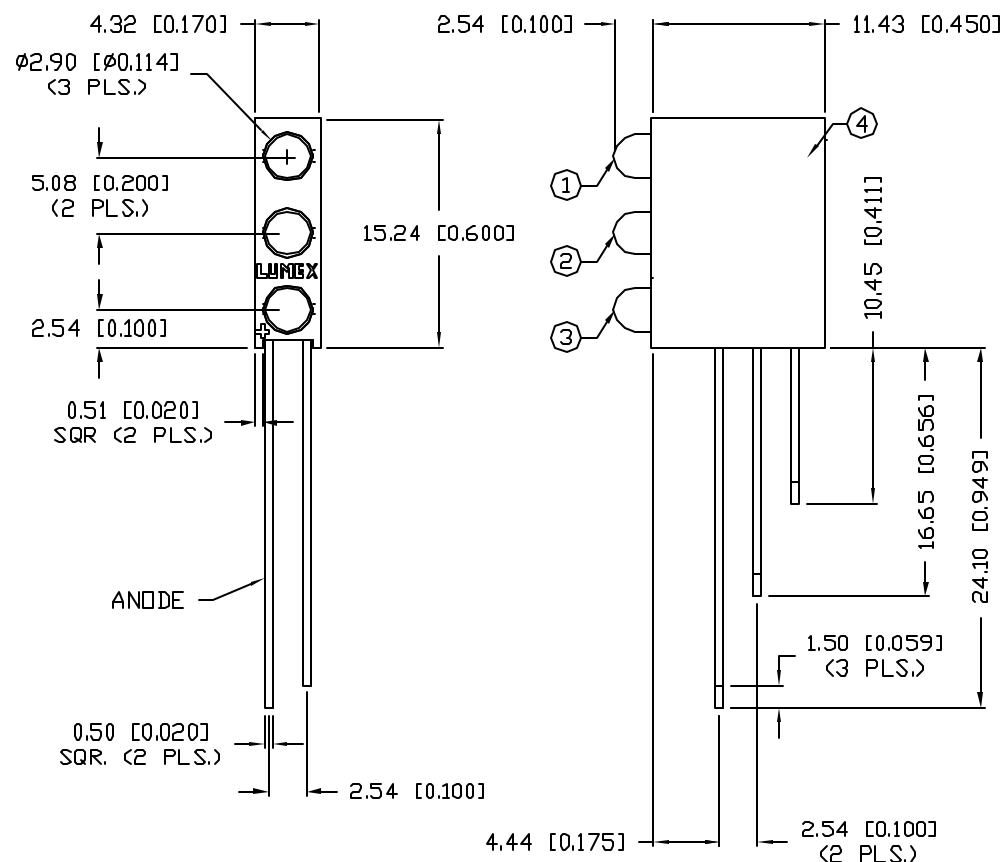


ELECTRO-OPTICAL CHARACTERISTICS  $T_A=25^{\circ}\text{C}$   $I_f=20\text{mA}$ 

| PARAMETER                                         | RED | YELLOW | GREEN | UNITS    | TEST COND            |
|---------------------------------------------------|-----|--------|-------|----------|----------------------|
| PEAK WAVELENGTH                                   | 635 | 585    | 565   | nm       |                      |
| FORWARD VOLTAGE (TYP.)                            | 2.0 | 2.1    | 2.2   | $V_f$    |                      |
| FORWARD VOLTAGE (MAX.)                            | 2.5 | 2.5    | 2.6   | $V_f$    |                      |
| REVERSE VOLTAGE                                   | 5.0 | 5.0    | 5.0   | $V_r$    | $I_r=100\mu\text{A}$ |
| AXIAL INTENSITY                                   | 15  | 15     | 15    | mcd      | $I_f=20\text{mA}$    |
| VIEWING ANGLE                                     | 80  | 80     | 80    | 2x theta |                      |
| LED POSITION:                                     | 1   | 2      | 3     |          |                      |
| EPOXY LENS FINISH: DIFFUSED SAME AS EMITTED COLOR |     |        |       |          |                      |

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

| PARAMETER                        | COLORS  | MAX        | UNITS                  |
|----------------------------------|---------|------------|------------------------|
| PEAK FORWARD CURRENT*            |         | 150        | mA                     |
| STEADY CURRENT                   | (R/Y/G) | 30/30/25   | mA                     |
| POWER DISSIPATION                |         | 105        | mW                     |
| DERATE FROM $25^{\circ}\text{C}$ |         | -1.6       | mW/ $^{\circ}\text{C}$ |
| OPERATING, STORAGE TEMP.         |         | -40 TO +85 | $^{\circ}\text{C}$     |
| SOLDERING TEMP.                  |         | +260       | $^{\circ}\text{C}$     |
| 2.0mm FROM BODY                  |         |            | 3 SEC. MAX             |

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

## NOTES:

1. SSL-LX3044ID, RED LED.
2. SSL-LX3044YD, YELLOW LED.
3. SSL-LX3044GD, GREEN LED.
4. SSH-LXH340 HOLDER, BLACK NYLON, 94V-0.

UNCONTROLLED DOCUMENT

\*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.=+0.00 PRECISION MAX.=+0.00 PRECISION

REV.

PART NUMBER

SSF-LXH340IYGD-UC

T-3mm (T-1) RIGHT ANGLE FAULT INDICATOR HOLDER,  
POS.1: RED, POS.2: YELLOW, POS.3: GREEN,  
COLOR DIFFUSED PER POSITION, UNCUT 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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