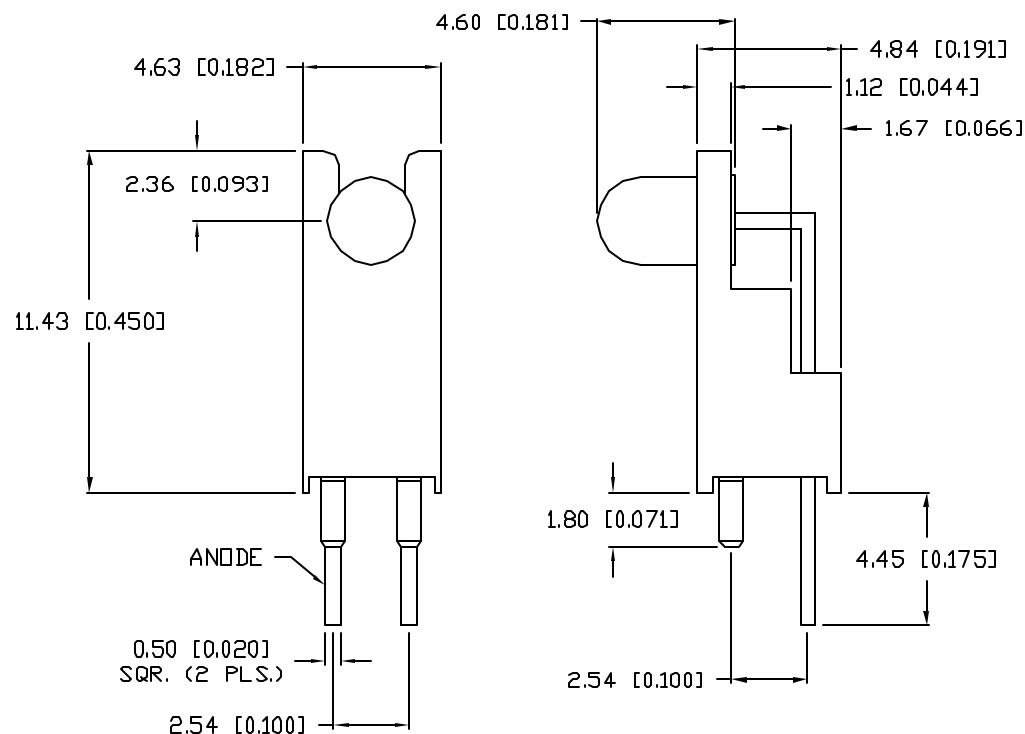


SSF-LXH13110SISGC

PRELIMINARY IN P/N DIR

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             |                      |
|                       |             | 565 (GREEN) |         | nm             |                      |
| FORWARD VOLTAGE (R/G) |             | 2.0/2.2     | 2.5/2.6 | V <sub>f</sub> |                      |
| REVERSE VOLTAGE       | 5.0         |             |         | V <sub>r</sub> | $I_r=100\mu\text{A}$ |
| AXIAL INTENSITY (R/G) |             | 200/100     |         | mcd            | $I_f=20\text{mA}$    |
| VIEWING ANGLE         |             | 30          |         | 2x theta       |                      |
| EMITTED COLOR:        | RED/GREEN   |             |         |                |                      |
| EPOXY LENS FINISH:    | WATER CLEAR |             |         |                |                      |

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

| PARAMETER                      | COLORS | MAX         | UNITS                |
|--------------------------------|--------|-------------|----------------------|
| PEAK FORWARD CURRENT*          |        | 150         | mA                   |
| STEADY CURRENT                 | (R/G)  | 30/25       | mA                   |
| POWER DISSIPATION              |        | 105         | mW                   |
| DERATE FROM $25^\circ\text{C}$ |        | -1.3        | mW/ $^\circ\text{C}$ |
| OPERATING, STORAGE TEMP.       |        | -55 TO +100 | $^\circ\text{C}$     |
| SOLDERING TEMP.                |        | +260        | $^\circ\text{C}$     |
| 2.0mm FROM BODY                |        |             | 3 SEC. MAX           |

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

\*UNLESS OTHERWISE SPECIFIED TOLERANCES PER DECIMAL PRECISION ARE: X=±1 (±0.039), 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 -0.00 MAX.= +0.00 -DECIMAL PRECISION

REV.

PART NUMBER

SSF-LXH13110SISGC

3mm RIGHT ANGLE FAULT INDICATOR LED,

636nm RED/565nm GREEN LED, WATER CLEAR LENS.

## 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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SCALE: N/A

BC