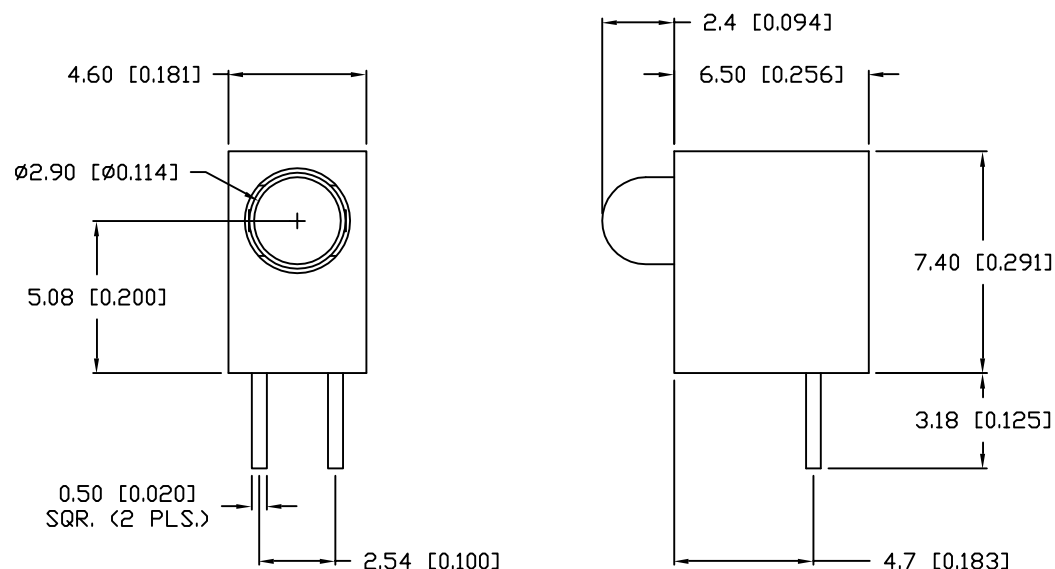


| ELECTRO-OPTICAL CHARACTERISTICS $T_A=25^\circ\text{C}$ $I_f=20\text{mA}$ |              |     |     |          |                      |
|--------------------------------------------------------------------------|--------------|-----|-----|----------|----------------------|
| PARAMETER                                                                | MIN          | TYP | MAX | UNITS    | TEST COND            |
| PEAK WAVELENGTH                                                          |              | 636 |     | nm       |                      |
| FORWARD VOLTAGE                                                          |              | 2.0 | 2.5 | $V_f$    |                      |
| REVERSE VOLTAGE                                                          | 5.0          |     |     | $V_r$    | $I_r=100\mu\text{A}$ |
| AXIAL INTENSITY                                                          |              | 100 |     | mcd      | $I_f=20\text{mA}$    |
| VIEWING ANGLE                                                            |              | 60  |     | 2x theta |                      |
| EMITTED COLOR:                                                           | RED          |     |     |          |                      |
| EPOXY LENS FINISH:                                                       | RED DIFFUSED |     |     |          |                      |

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

| PARAMETER                      | MAX        | UNITS                |
|--------------------------------|------------|----------------------|
| PEAK FORWARD CURRENT*          | 150        | mA                   |
| STEADY CURRENT                 | 25         | mA                   |
| POWER DISSIPATION              | 105        | mW                   |
| DERATE FROM $25^\circ\text{C}$ | -1.2       | 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:

- SSH-LXH103 HOLDER.
- SSL-LX3044SID LED.

\*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 -DECIMAL PRECISION

REV.

PART NUMBER  
SSF-LXH103SIDT-3mm SINGLE LEVEL, FAULT INDICATOR,  
SUPER HIGH INTENSITY RED, RED DIFFUSED.

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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   |

# AMEYA360

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