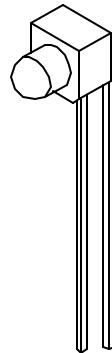
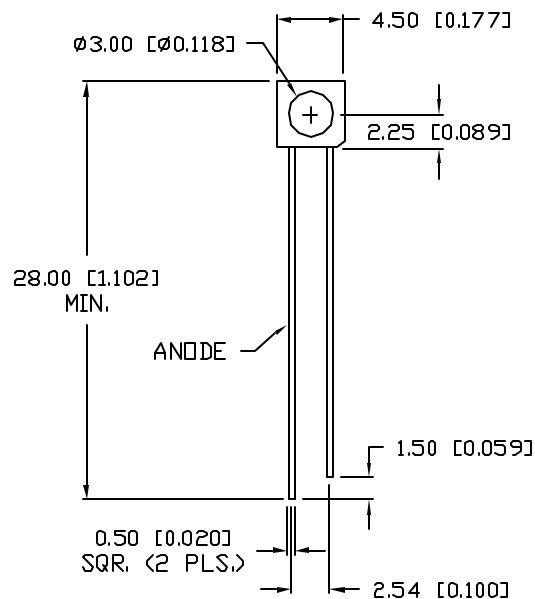
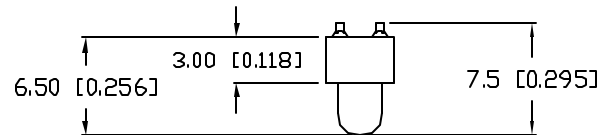


UNCONTROLLED DOCUMENT

PART NUMBER  
SSF-LX3P74BID-99

REV.

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

| PARAMETER           | MIN | TYP          | MAX  | UNITS    | TEST COND                      |
|---------------------|-----|--------------|------|----------|--------------------------------|
| PEAK WAVELENGTH     |     | 636          |      | nm       |                                |
| FORWARD VOLTAGE     |     | 3.0          | 14.0 | $V_f$    |                                |
| BLINKING FREQUENCY: |     | 1.5          |      | Hz       | $V_f=14.0$ , $I_f=70\text{mA}$ |
|                     |     | 2.5          |      | Hz       | $V_f=3.0$ , $I_f=6\text{mA}$   |
| AXIAL INTENSITY     |     | 40           |      | mcd      | $V_f=9.0$                      |
| 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*            | 70         | mA                     |
| STEADY CURRENT                   | 20         | 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             |

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

\*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

SSF-LX3P74BID-99

T-3mm (T-1) ALL EPOXY RIGHT ANGLE INDICATOR,  
BLINKING 636nm AlInGaP RED LED, RED DIFFUSED.

## 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