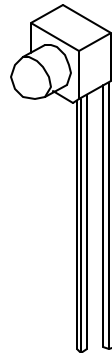
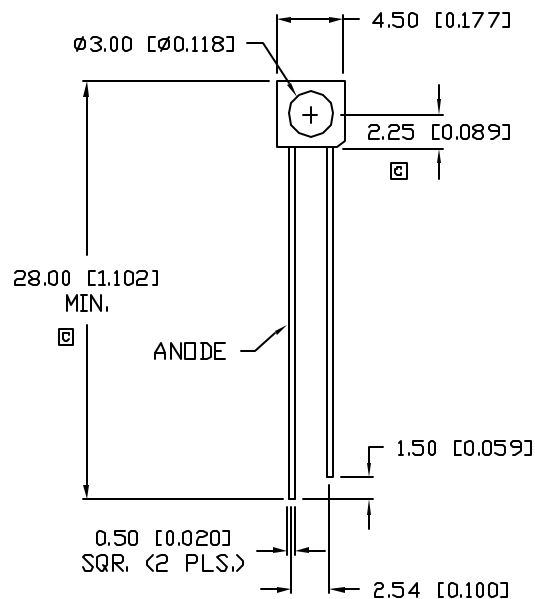
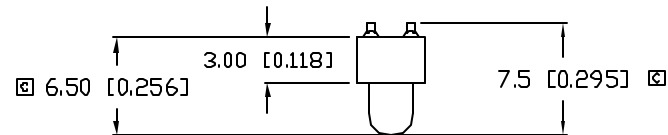


UNCONTROLLED DOCUMENT

PART NUMBER  
SSF-LX3P74GD-99REV.  
E

| ELECTRO-OPTICAL CHARACTERISTICS $T_A=25^\circ\text{C}$ $I_f=20\text{mA}$ |                |     |     |           |                      |
|--------------------------------------------------------------------------|----------------|-----|-----|-----------|----------------------|
| PARAMETER                                                                | MIN            | TYP | MAX | UNITS     | TEST COND            |
| PEAK WAVELENGTH                                                          |                | 565 |     | nm        |                      |
| FORWARD VOLTAGE                                                          |                | 2.2 | 2.6 | $V_f$     |                      |
| REVERSE VOLTAGE                                                          | 5.0            |     |     | $V_r$     | $I_f=100\mu\text{A}$ |
| AXIAL INTENSITY                                                          |                | 25  |     | mcd       | $I_f=20\text{mA}$    |
| VIEWING ANGLE                                                            |                | 60  |     | $2\theta$ |                      |
| EMITTED COLOR:                                                           | GREEN          |     |     |           |                      |
| EPOXY LENS FINISH:                                                       | GREEN 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 $25^\circ\text{C}$ | -1.5       | 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.=<sup>+DECIMAL PRECISION</sup>-0.00<sup>-DECIMAL PRECISION</sup> MAX.=<sup>+0.00</sup>-0.00<sup>-DECIMAL PRECISION</sup>REV.  
EPART NUMBER  
SSF-LX3P74GD-99

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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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□ □

T-3mm (T-1) ALL EPOXY RIGHT ANGLE INDICATOR,  
565nm GREEN LED. GREEN DIFFUSED.

DRAWN BY:

BC

CHECKED BY:

APPROVED BY:

DATE: 6.29.90

PAGE: 1 OF 1

SCALE: N/A