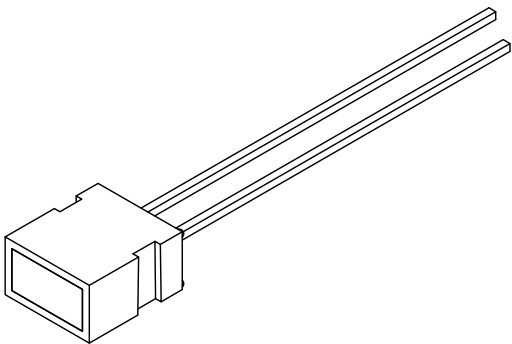
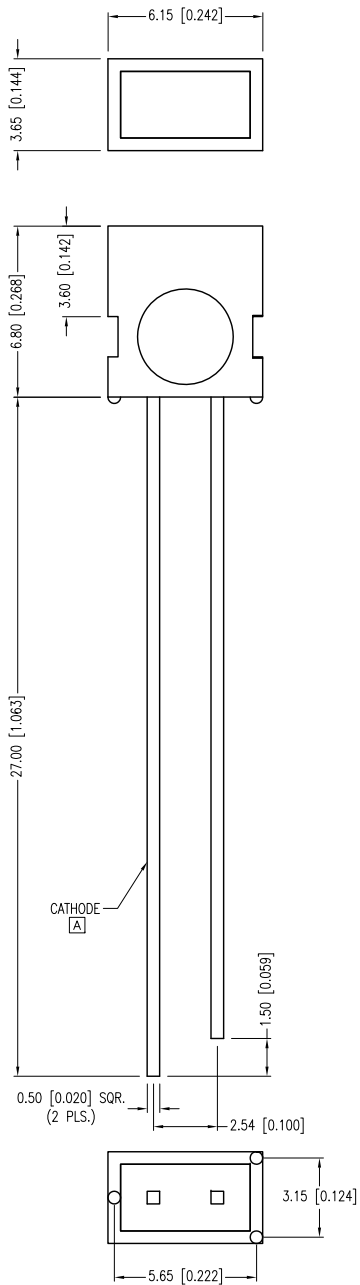


|             |                                     |      |      |
|-------------|-------------------------------------|------|------|
| PART NUMBER | SSL-LX4673YD-LA20                   | REV. | B    |
| DATE        | E.C.N. NUMBER AND REVISION COMMENTS |      | REV. |
| 07.10.01    | E.C.N. #10BRDR. & REDRAWN IN 3D.    |      | A    |
| 08.17.12    | E.C.N. #10BRDR. & REDRAWN.          |      | B    |



| ELECTRO-OPTICAL CHARACTERISTICS Ta=25°C If=20mA |                 |     |     |          |           |
|-------------------------------------------------|-----------------|-----|-----|----------|-----------|
| PARAMETER                                       | MIN             | TYP | MAX | UNITS    | TEST COND |
| PEAK WAVELENGTH                                 |                 | 585 |     | nm       |           |
| FORWARD VOLTAGE                                 |                 | 2.1 | 2.5 | Vf       |           |
| REVERSE VOLTAGE                                 | 5.0             |     |     | Vr       | Ir=100μA  |
| AXIAL INTENSITY                                 |                 | 6   |     | mcd      | If=20mA   |
| VIEWING ANGLE                                   |                 | 100 |     | 2x theta |           |
| EMITTED COLOR:                                  | YELLOW          |     |     |          |           |
| LENS FINISH:                                    | YELLOW DIFFUSED |     |     |          |           |

| LIMITS OF SAFE OPERATION AT 25°C |            |       |
|----------------------------------|------------|-------|
| PARAMETER                        | MAX        | UNITS |
| PEAK FORWARD CURRENT*            | 150        | mA    |
| STEADY CURRENT                   | 30         | mA    |
| POWER DISSIPATION                | 105        | mW    |
| DERATE FROM 25°C                 | -1.2       | mW/°C |
| OPERATING TEMP.                  | -40 TO +85 | °C    |
| STORAGE TEMP.                    | -40 TO +85 | °C    |
| SOLDERING TEMP.                  | +260       | °C    |
| 2.0mm FROM BODY                  | 3          | SEC.  |
| * t<10μS                         |            |       |