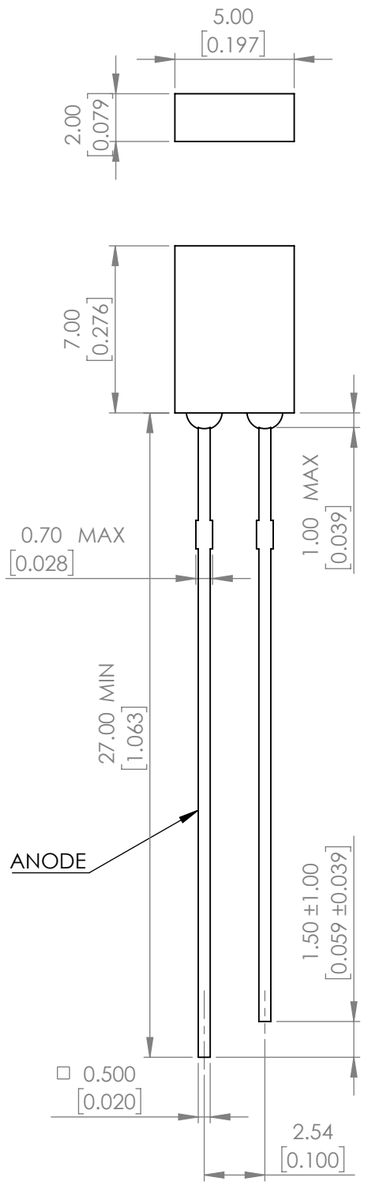
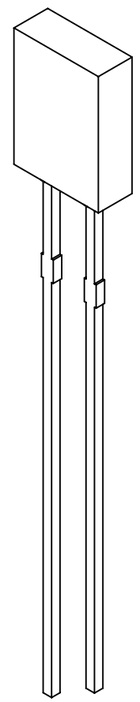
| PART NUMBER | SSL-LX2573ID | REV | D |
|---|---|---|---|

| REV | E.C.N. NUMBER AND REVISION COMMENTS | DATE |
|---|---|---|
| A | E.C.N. #10113 | 10.03.96 |
| B | E.C.N. #10BRDR. & REDRAWN IN 3D. | 06.15.01 |
| C | E.C.N. #11248 | 08.15.01 |
| D | ECN-Lumex202000018 | 03.27.20 |



**ELECTRO-OPTICAL CHARACTERISTIC TA=25℃**

| PARAMETER | MIN | TYP | MAX | UNITS | TEST COND |
|---|---|---|---|---|---|
| PEAK WAVELENGTH | - | 627 | - | nm | If=10mA |
| FORWARD VOLTAGE | - | 1.9 | 2.3 | Vf | If=10mA |
| REVERSE CURRENT | - | - | 10 | uA | $V_R$=5V |
| LUMINOUS INTENSITY | - | 4 | - | mcd | - |
| VIEWING ANGLE | - | 140 | - | 2x $theta_{1/2}$ | - |
| EMITTED COLOR | RED | | | | |
| EPOXY LENS FINISH | RED DIFFUSED | | | | |

**ABSOLUTE MAXIMUM RATINGS TA=25℃**

| PARAMETER | MAX | UNITS |
|---|---|---|
| PEAK FORWARD CURRENT* | 150 | mA |
| FORWARD CURRENT | 30 | mA |
| REVERSE VOLTAGE | 5 | V |
| POWER DISSIPATION | 70 | mW |
| STORAGE TEMPERATURE | -40 TO +85 | ℃ |
| OPERATING TEMPERATURE | -40 TO +85 | ℃ |
| LEAD SOLDER TEMPERATURE** | 3SEC MAX @260 | ℃ |

*T<10uS
**2mm FROM BODY

STATIC DEVICE FOLLOW PROPER
E.S.D. HANDLING PROCEDURES
WHEN WORKING WITH THIS PART

*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 -0.00 MAX.= +0.00 -DECIMAL PRECISION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2mm*5mm RECTANGULAR, 627nm RED LED, RED DIFFUSED LENS.

**THE SPECIFICATIONS MAY CHANGE AT ANY TIME WITHOUT NOTICE.**


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| | |
|---|---|
| DATE : 2020.03.27 | DRAWN BY : E.C. |
| PAGE : 1 OF 1 | CHKD BY : E.C. |
| SCALE : NTF | APRVD BY : G.Y. |
| UNIT : mm [INCH] | Pb |