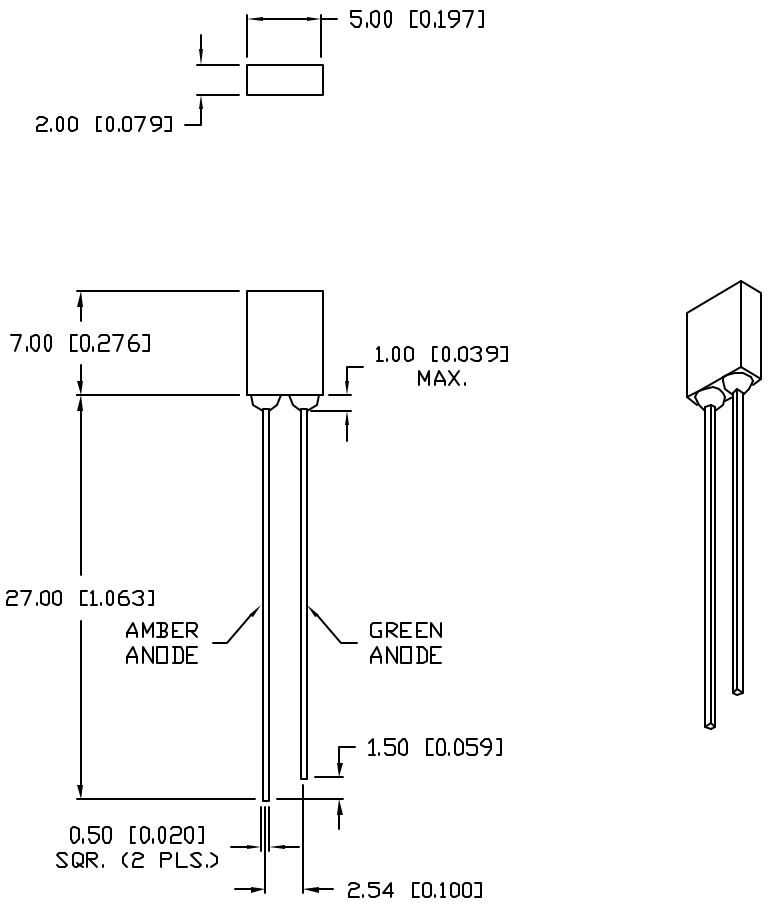
UNCONTROLLED DOCUMENT

| PART NUMBER | REV. |
|---|---|
| SSL-LX2573AGW | A |

| REV. | E.C.N. NUMBER AND REVISION COMMENTS | DATE |
|---|---|---|
| A | E.C.N. #10BRDR. & REDRAWN IN 3D. | 6.15.01 |




ELECTRO-OPTICAL CHARACTERISTICS $T_A$=25°C $I_f$=20mA

| PARAMETER | MIN | TYP | MAX | UNITS | TEST COND |
|---|---|---|---|---|---|
| PEAK WAVELENGTH | | 610 (AMBER) | | nm | |
| | | 565 (GREEN) | | nm | |
| FORWARD VOLTAGE (A/G) | | 2.0/2.2 | 2.5/2.6 | Vf | |
| REVERSE VOLTAGE | 5.0 | | | $V_r$ | $I_r$=100µA |
| AXIAL INTENSITY | | 10 | | mcd | If=20mA |
| VIEWING ANGLE | | 110 | | 2x theta | |
| EMITTED COLOR: | AMBER/GREEN | | | | |
| EPOXY LENS FINISH: | MILKY WHITE DIFFUSED | | | | |

LIMITS OF SAFE OPERATION AT 25°C

| PARAMETER | COLORS | MAX | UNITS |
|---|---|---|---|
| PEAK FORWARD CURRENT* | | 150 | mA |
| STEADY CURRENT | (A/G) | 30/25 | mA |
| POWER DISSIPATION | | 105 | mW |
| DERATE FROM 25°C | | -1.2 | mW/°C |
| OPERATING, STORAGE TEMP. | | -40 TO +85 | °C |
| SOLDERING TEMP. | | +260 | °C |
| 2.0mm FROM BODY | | | 3 SEC. MAX |

* t<10µS

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*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= $^{+\text{DECIMAL PRECISION}}_{-0.00}$ MAX.= $^{+0.00}_{-\text{DECIMAL PRECISION}}$

| REV. | PART NUMBER |
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| A | SSL-LX2573AGW |

2mm x 5mm RECTANGULAR BICOLOR LED,
610nm AMBER/565nm GREEN, MILKY WHITE DIFFUSED LENS.



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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| DRAWN BY: | CHECKED BY: | APPROVED BY: | DATE: 3.4.99 |
|---|---|---|---|
| BC | | | PAGE: 1 OF 1 |
| | | | SCALE: N/A |