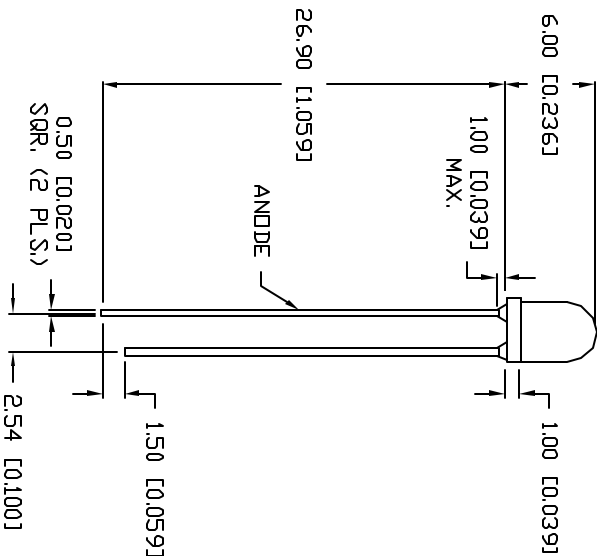
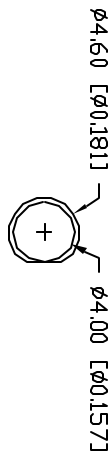


| PART NUMBER | | | REV. |
|--------------|-------------------------------------|---------|------|
| SSL-LX4064YD | | | A |
| REV. | E.C.N. NUMBER AND REVISION COMMENTS | DATE | |
| A | E.C.N. #10BRDR. & REDRAWN IN 3D. | 4.18.01 | |



| ELECTRO-OPTICAL CHARACTERISTICS I _A =25°C I _F =20mA | | | | | |
|---|-----|-----------------|-----|----------------|-----------------------|
| PARAMETER | MIN | TYP | MAX | UNITS | TEST COND |
| PEAK WAVELENGTH | | 585 | | nm | |
| FORWARD VOLTAGE | | 2.1 | 2.5 | V _F | I _F =100μA |
| REVERSE VOLTAGE | 5.0 | | | V _R | I _F =20mA |
| AXIAL INTENSITY | | 30 | | mcd | |
| VIEWING ANGLE | | 60 | | 2x theta | |
| EMITTED COLOR: | | YELLOW | | | |
| EPOXY 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, STORAGE TEMP. | -40 TO +85 | °C |
| SOLDERING TEMP. | +260 | °C |
| 2.0mm FROM BODY | | 3 SEC. MAX |
| * t<10μs | | |

*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=±0.08 (+0.002), LEAD LENGTH=±0.75 (+0.030), MIN= -0.00

REV.

A

PART NUMBER

SSL-LX4064YD

T=4mm 585nm YELLOW LED,
YELLOW DIFFUSED LENS.

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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| | | | |
|-----------|-------------|--------------|--------------|
| DRAWN BY: | CHECKED BY: | APPROVED BY: | DATE: |
| BC | | | 3.16.98 |
| | | | PAGE: 1 OF 1 |
| | | | SCALE: N/A |