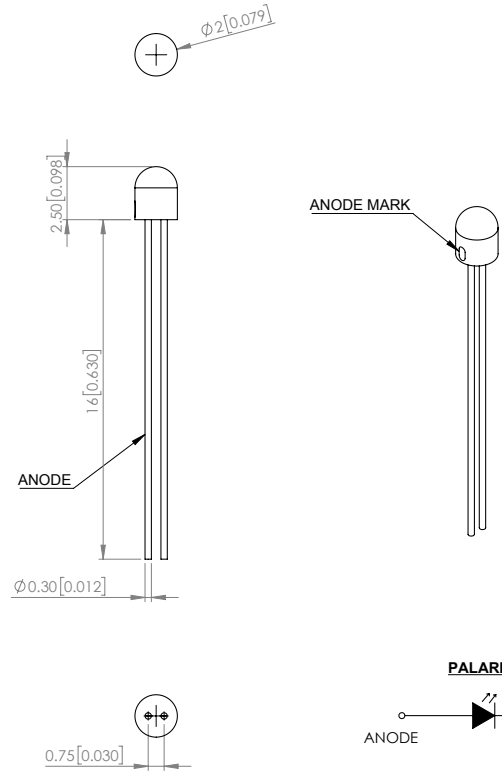


| | | | |
|--------------------|---------------------------|------------|---|
| PART NUMBER | SSL-LX203CSYT | REV | D |
| DATE | ECN NUMBER | REV | |
| 05.13.04 | E.C.N. # 11126 | | A |
| 12.27.04 | E.C.N. # 11202 | | B |
| 07.26.11 | E.C.N. # 10BRDR & REDRAWN | | C |
| 09.12.17 | ECN-Lumex201700071 | | D |



ELECTRO-OPTICAL CHARACTERISTIC TA=25°C

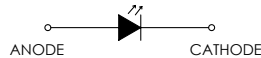
| PARAMETER | MIN | TYP | MAX | UNITS | TEST COND |
|--------------------|-------------|-----|-----|-------------|-----------|
| PEAK WAVELENGTH | - | 590 | - | - | If=20mA |
| FORWARD VOLTAGE | - | 2.1 | 2.5 | Vf | If=20mA |
| REVERSE VOLTAGE | - | - | 5 | Vf | Ir=10uA |
| LUMINOUS INTENSITY | - | 340 | - | mcd | If=20mA |
| VIEWING ANGLE | - | 140 | - | 2x theta1/2 | If=20mA |
| EMITTED COLOR | YELLOW | | | | |
| EPOXY LENS FINISH | WATER CLEAR | | | | |

ABSOLUTE MAXIMUM RATINGS TA=25°C

| PARAMETER | MAX | UNITS |
|-----------------------|----------------|-------|
| STEADY CURRENT | 25 | mA |
| POWER DISIPATION | 62.5 | mW |
| STORAGE TEMPERATURE | -40 to +85 | °C |
| OPERATING TEMPERATURE | -40 to +100 | °C |
| SOLDERING TEMPERATURE | 3sec MAX @ 260 | °C |

*t<10us

PALARITY



NOTES:

1. ANODE MARK IS INDICATED BY A SMALL MARKING ON THE SIDE OF THE CERAMIC SURFACE. RED MARK INDICATES ANODE.
2. WHITE CERAMIC BASE STEM.

*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= ^{+0.00}/_{-0.00} DECIMAL PRECISION MAX = ^{+0.00}/_{-0.00} DECIMAL PRECISION



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T-2 CREAMIC STEM LED, 590nm YELLOW LED, YELLOW TRANSPARENT LENS

"THE SPECIFICATIONS MAY CHANGE AT ANY TIME WITHOUT NOTICE DUE TO NEW MATERIALS OR PRODUCT IMPROVEMENT."

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| | |
|-------------------|-----------------|
| DATE : 2017.09.12 | DRAWN BY : E.C. |
| PAGE : 1 OF 1 | CHKD BY : G.Y. |
| SCALE : NTF | APRVD BY : R.C. |
| UNIT : mm [INCH] | (R) |