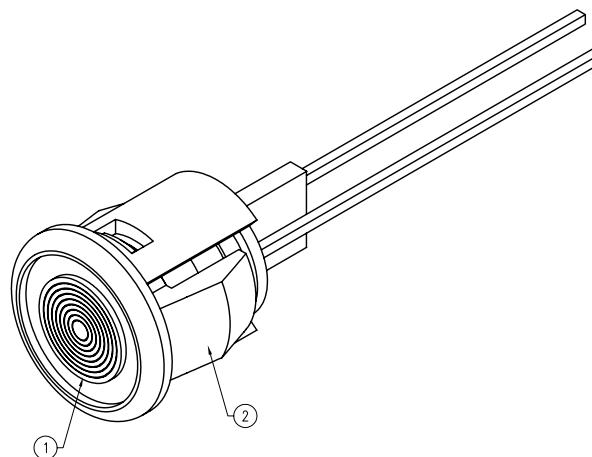
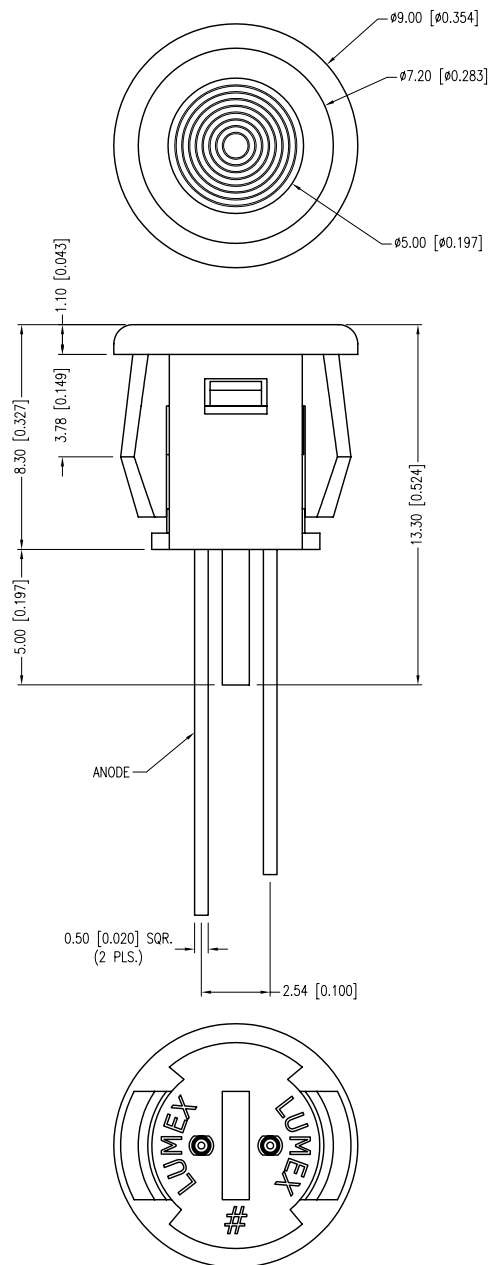




## ELECTRO-OPTICAL CHARACTERISTICS Ta=25°C If=20mA

| PARAMETER          | MIN            | TYP | MAX | UNITS    | UNITS    |
|--------------------|----------------|-----|-----|----------|----------|
| PEAK WAVELENGTH    |                | 574 |     | nm       |          |
| FORWARD VOLTAGE    |                | 2.2 | 2.6 | Vf       |          |
| REVERSE VOLTAGE    | 5.0            |     |     | Vr       | Ir=100uA |
| AXIAL INTENSITY    |                | 60  |     | mcd      | If=20mA  |
| VIEWING ANGLE      |                | 120 |     | 2x theta |          |
| EMITTED COLOR:     | GREEN          |     |     |          |          |
| EPOXY LENS FINISH: | GREEN DIFFUSED |     |     |          |          |

## LIMITS OF SAFE OPERATION AT 25°C

| PARAMETER             | MAX        | UNITS     |
|-----------------------|------------|-----------|
| PEAK FORWARD CURRENT* | 150        | mA        |
| STEADY CURRENT        | 25         | 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. MAX. |

\* t&lt;10μS

## NOTES:

1. SSL-LX433SUGD LED.
2. HOLDER: LXP-SSI-387BSH, LXP-SSI-387BZL.
3. PANEL HOLE CUT OUT: 5/16" DIAMETER.

\*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 MAX.= +0.00 -DECIMAL PRECISION

UNCONTROLLED DOCUMENT



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T-5 FRESNEL LENS PANEL INDICATOR, 574nm AlInGaP GREEN LED, GREEN DIFFUSED LENS.

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

## CONFIDENTIAL INFORMATION

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|--------|-----------|-----------|----|
| DATE:  | 07.28.11  | DRAWN BY: | AB |
| PAGE:  | 1 OF 1    | CHKD BY:  | SS |
| SCALE: | NTS       | APRVD BY: | KF |
| UNIT:  | mm [INCH] |           | Ⓟ  |