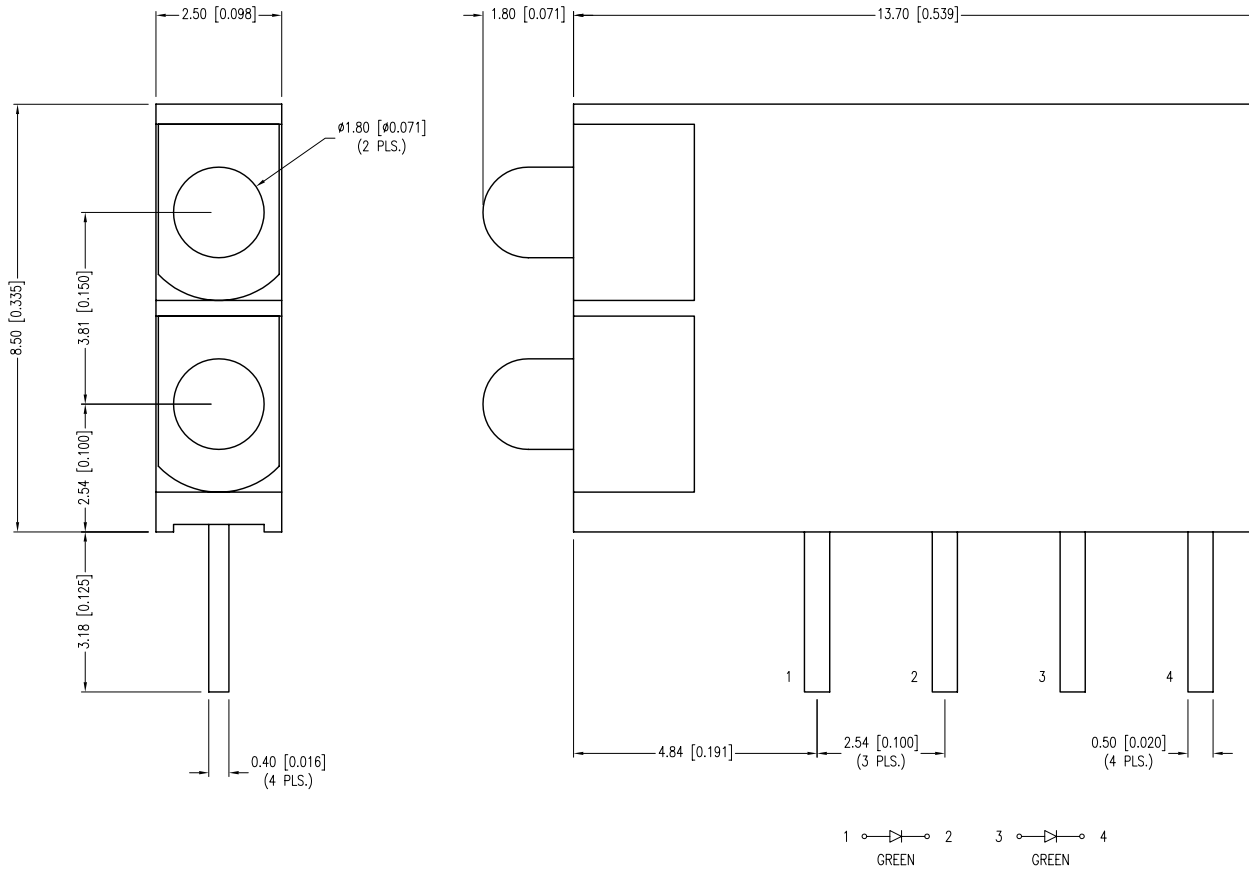


| | | | |
|-------------|-------------------------------------|------|------|
| PART NUMBER | SSF-H2230SUGD | REV. | A |
| DATE | E.C.N. NUMBER AND REVISION COMMENTS | | REV. |
| 08.10.11 | E.C.N. #10BRDR. & REDRAWN. | | A |



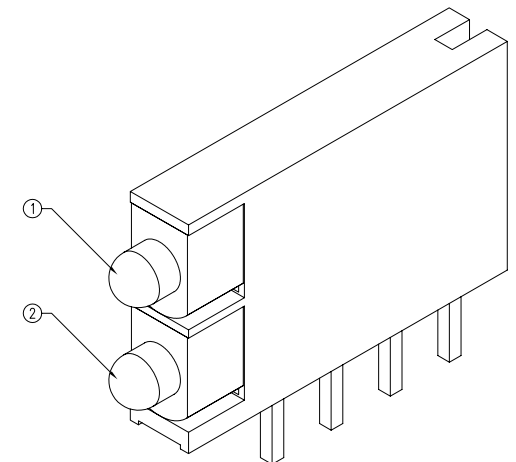
| ELECTRO-OPTICAL CHARACTERISTICS $T_a=25^{\circ}\text{C}$ $I_f=20\text{mA}$ | | | | | |
|--|----------------|-----|-----|----------------|----------------------|
| PARAMETER | MIN | TYP | MAX | UNITS | UNITS |
| PEAK WAVELENGTH | | 574 | | nm | |
| FORWARD VOLTAGE | | 2.2 | 2.6 | V _f | |
| REVERSE VOLTAGE | 5.0 | | | V _r | $I_r=100\mu\text{A}$ |
| AXIAL INTENSITY | | 50 | | mcd | $I_f=20\text{mA}$ |
| VIEWING ANGLE | | 60 | | 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. |

* $I_t < 10\mu\text{S}$

NOTES:

1. GREEN LED.
2. GREEN LED.



*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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T-2mm DUAL TOWER, 1 UNIT, FRONT-BACK LEADS, 574nm SUPER PURE GREEN, GREEN DIFFUSED.

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

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| | | | |
|--------|-----------|-----------|----|
| DATE: | 08.10.11 | DRAWN BY: | AB |
| PAGE: | 1 OF 1 | CHKD BY: | SS |
| SCALE: | NTS | APRVD BY: | SS |
| UNIT: | mm [INCH] | | Ⓟ |