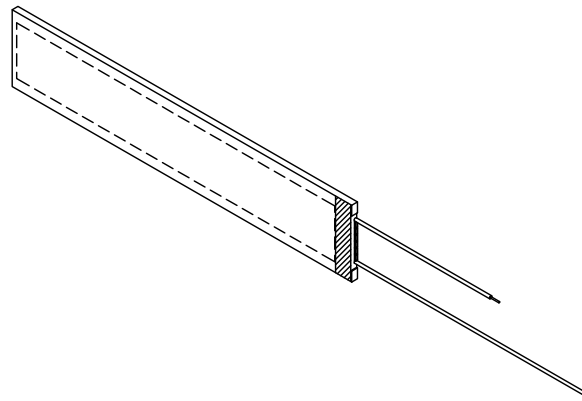
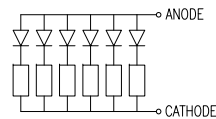
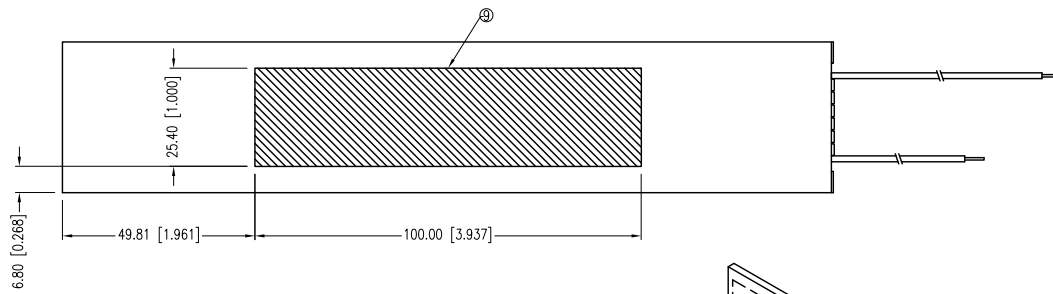
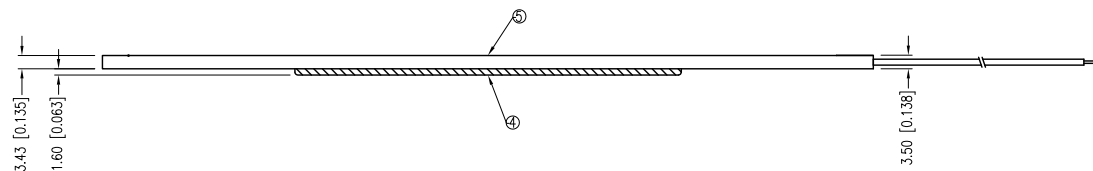
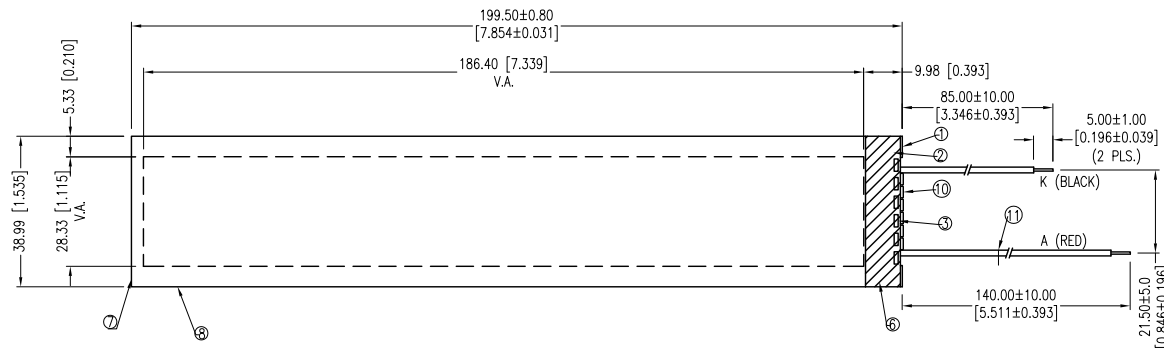




## ELECTRO-OPTICAL CHARACTERISTICS Ta=25°C If=120mA

| PARAMETER          | MIN   | TYP  | MAX | UNITS             | TEST COND |
|--------------------|-------|------|-----|-------------------|-----------|
| PEAK WAVELENGTH    |       | 550  |     | nm                |           |
| FORWARD VOLTAGE    |       | 5.0  |     | Vf                |           |
| REVERSE VOLTAGE    | 5.0   |      |     | Vr                | Ir=.30mA  |
| LUMINOUS INTENSITY |       | 170  |     | cd/m <sup>2</sup> | If=120mA  |
| CHROMATICITY (X)   |       | 0.30 |     |                   |           |
| COORDINATES (Y)    |       | 0.30 |     |                   |           |
| EMITTED COLOR:     | WHITE |      |     |                   |           |
| REFLECTOR FINISH:  | WHITE |      |     |                   |           |

\*1. LUMINOUS INTENSITY TESTING CONDITION: 550nm WAVELENGTH.

\*2. THE ICIC STANDARD COLORIMETRIC SYSTEM.

## LIMITS OF SAFE OPERATION AT 25°C

| PARAMETER         | MAX        | UNITS |
|-------------------|------------|-------|
| STEADY CURRENT    | 120        | mA    |
| POWER DISSIPATION | 600        | W     |
| DERATE FROM 25°C  | -1.2       | mW/°C |
| OPERATING TEMP.   | -20 TO +70 | °C    |
| STORAGE TEMP.     | -30 TO +80 | °C    |
| SOLDERING TEMP.   | +260       | °C    |
| 2.0mm FROM BODY   | 3          | SEC.  |

\* t&lt;10μS

| No. | ITEM                 | QTY. |
|-----|----------------------|------|
| 1   | LIGHT GUIDE          | 1    |
| 2   | PCB                  | 1    |
| 3   | SMD LED RIGHT ANGLE  | 6    |
| 4   | REFLECTOR TAPE       | 1    |
| 5   | DIFFUSER TAPE        | 1    |
| 6   | SHADING TAPE         | 1    |
| 7   | LIGHT REFLECTOR TAPE | 1    |
| 8   | LIGHT REFLECTOR TAPE | 2    |
| 9   | TAPE                 | 1    |
| 10  | RESISTOR             | 6    |
| 11  | WIRE                 | 2    |

\*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

UNCONTROLLED DOCUMENT