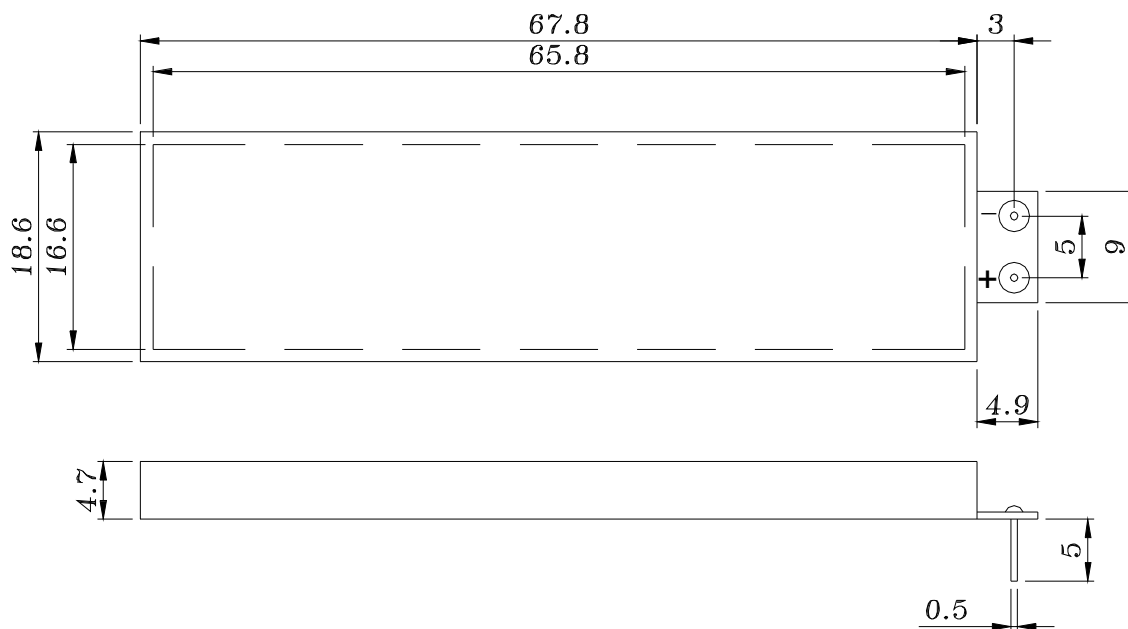
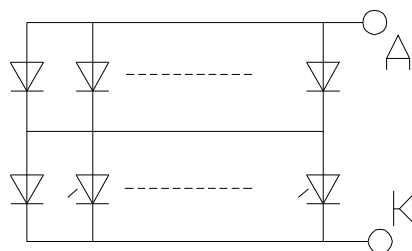


1、MECHANICAL OUTLINE(Unit: mm, Unspecified Tolerance  $\pm 0.2\text{mm}$ ) Color: Yellow Green



2、CIRCUIT DIAGRAM ( LED 2 x 10 = 20 dies)



3、SOLDERING CONDITIONS:

- I The Soldering Temperature is  $260^{\circ}\text{C} \pm 5^{\circ}\text{C}$  and Soldering Time should be less than 3 sec, and soldering iron power should be less than 30W.
- I The soldering point should be farther than 1.6 mm from body.

## 4、ABSOLUTE MAXIMUM RATINGS

| Item                             | Symbol | Conditions                 | Max.    | Unit |
|----------------------------------|--------|----------------------------|---------|------|
| Absolute maximum forward current | Ifm    |                            | 150     | mA   |
| Peak forward current             | Ifp    | 1 msec plus 10% Duty Cycle | 300     | mA   |
| Reverse Voltage                  | Vr     |                            | 10      | V    |
| Power dissipation                | Pd     |                            | 0       | mW   |
| Operating Temperature Range      | Topr   |                            | -20~+70 | °C   |
| Storage Temperature Range        | Tstg   |                            | -20~+75 | °C   |

## 5、ELECTRICAL-OPTICAL CHARACTERISTICS: (T=25°C)

| Item             | Symbol | Min. | Typ. | Max. | Unit              | Condition |
|------------------|--------|------|------|------|-------------------|-----------|
| Forward Current  | If     | 150  | 180  | 200  | mA                | Vf=4.2V   |
| Forward Voltage  | Vf     | 4.0  | 4.2  | 4.4  | V                 | If=100mA  |
| Reverse Current  | Ir     |      |      | 180  | μA                | Vr=10V    |
| Luminance        | Lv     |      | 150  |      | cd/m <sup>2</sup> | Vf=4.2V   |
| Peak wave length | λp     | 565  | 568  | 570  | nm                | Vf=4.2V   |