

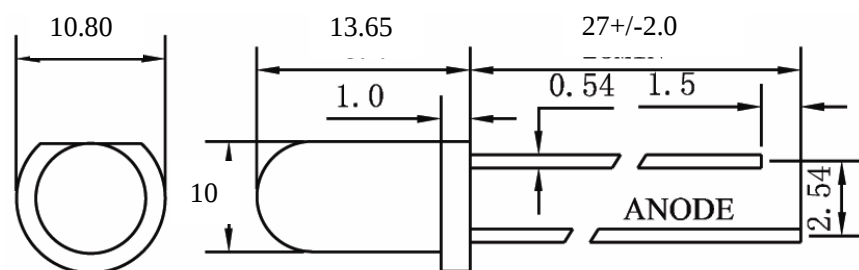
## Absolute maximum ratings (Ta=25°C)

|                                          |                          |
|------------------------------------------|--------------------------|
| Reverse Voltage-----                     | 5V                       |
| Forward Current-----                     | 20mA                     |
| Peak Forward Current-----                | 70mA                     |
| Operating Temperature-----               | -40 ~                    |
| Storage Temperature-----                 | -40 ~ +100°C             |
| Derating linear from 50°C-----           | 0.27mA/°C                |
| Power Dissipation-----                   | 100 mW                   |
| Lead Soldering Temp (4mm From Body)----- | 260°C+/-5°C For 10second |

## Electrical optical characteristics (Ta=25°C)

| TYP       | Max(mcd) |       |       | Forward Voltage<br>IF=20mA(V) |      |      | Reverse Current<br>VR=5V(μA) |     | VIEWING<br>ANGLE |
|-----------|----------|-------|-------|-------------------------------|------|------|------------------------------|-----|------------------|
|           | Min      | Typ   | Max   | Min                           | Typ  | Max  | Max                          | Typ | 2θ1/2(DEG)       |
| 10AY4TC10 | 10000    | 13000 | 15000 | 1.90                          | 2.10 | 2.30 | <1                           | 10  | 15               |

| TYPE NO   | Chip           | Lens<br>Color | Peak Wave<br>Length<br>λp(nm) | Spectra<br>Half-Width<br>Δλ(n m) |
|-----------|----------------|---------------|-------------------------------|----------------------------------|
|           | Emitting Color |               |                               |                                  |
| 10AY4TC10 | YELLOW         | WATER CLEAR   | 590                           | 10                               |



UNIT:mm

Annotate: ball

1. All dimensions are in millimeters(inches).
2. Protruded resin under flange is 1.5mm Max.