

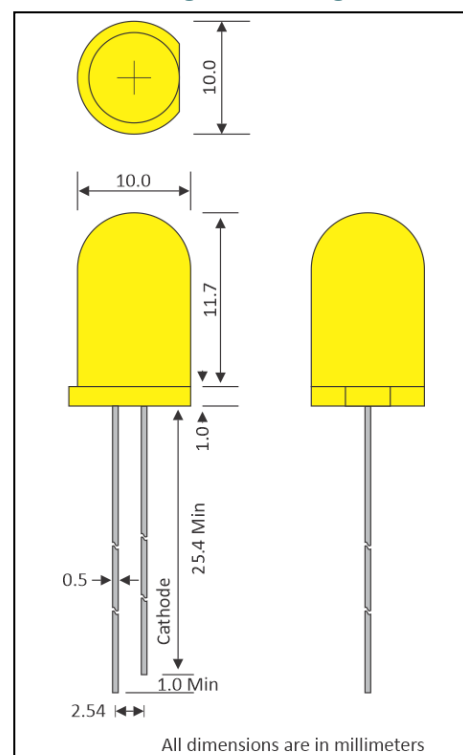
## LEDs

10mm Round – Yellow Diffused

HL-8059

### Package Configuration

| Descriptions:                          |
|----------------------------------------|
| Emitting Color: Yellow                 |
| Device Outline: $\Phi$ 10mm round type |
| Lens Type: Yellow Difused              |



### Absolute Maximum Ratings (Ta=25°C)

| Parameter                                                 | Max.                | Unit. |
|-----------------------------------------------------------|---------------------|-------|
| Peak Forward Current (1/10 Duty Cycle, 0.1ms Pulse Width) | 100                 | mA    |
| Continuous Forward Current                                | 20                  | mA    |
| Reverse Voltage                                           | 5                   | V     |
| Operating Temperature Range                               | -40 °C to +85°C     |       |
| Storage Temperature Range                                 | -40 °C to +100°C    |       |
| Lead Soldering Temperature[4mm(.157") From Body]          | 250°C for 5 Seconds |       |

### Electrical and optical characteristics

| Parameter           | Symbol          | Min. | Typ. | Max. | Unit. | Test Condition |
|---------------------|-----------------|------|------|------|-------|----------------|
| Luminous Intensity  | $I_v$           | -    | 2000 | -    | mcd   | $I_f=20mA$     |
| Viewing Angle       | $2\theta_{1/2}$ | -    | 15   | -    | deg.  |                |
| Dominant Wavelength | $\Delta d$      | 588  | -    | 595  | nm    |                |