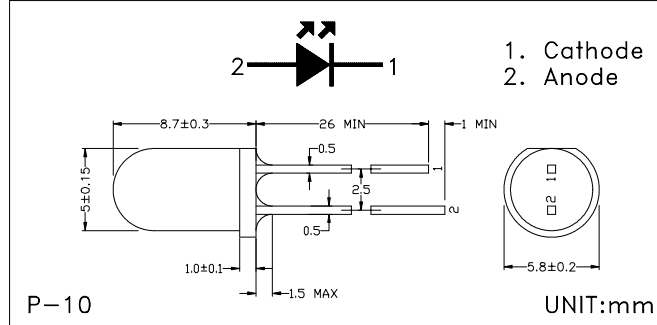


Module No.: W05310GHD-B

### Features:

Ø5mm  
 GREEN  
 Diffuse  
 High Bright  
 PIN=26mm  
 Blinking LED

### Dimensions



### Absolute Maximum Ratings

(Ta=25°C)

| Descriptions             | Symbol           | Value     | Unit |
|--------------------------|------------------|-----------|------|
| Forward Voltage          | V <sub>F</sub>   | 9         | V    |
| Reverse Voltage          | V <sub>R</sub>   | 0.4       | V    |
| On-State Forward Current | I <sub>FM</sub>  | 35        | mA   |
| Operating Temperature    | T <sub>opr</sub> | -25 ~ +65 | °C   |
| Storage Temperature      | T <sub>stg</sub> | -25 ~ +85 | °C   |
| Soldering Temperature *1 | T <sub>sol</sub> | 260       | °C   |

\*1 At the position of 2mm from the bottom face of resin package within 5 sec.

### Electro-optical Characteristics

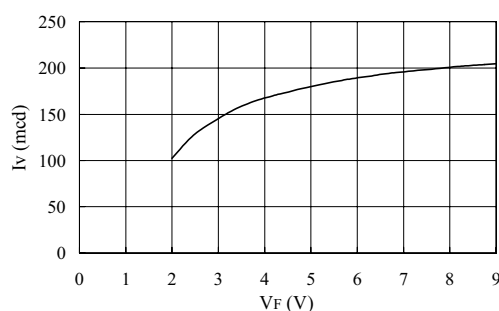
(Ta=25°C)

| Descriptions                  | Symbol           | Conditions         | Min. | Typ.  | Max. | Unit |
|-------------------------------|------------------|--------------------|------|-------|------|------|
| Luminous Intensity *2         | I <sub>v</sub>   | V <sub>F</sub> =5V | 90   | 180   |      | mcd  |
| Peak Emission Wavelength      | λ <sub>p</sub>   | V <sub>F</sub> =5V |      | 569   |      | nm   |
| Spectrum Radiation Bandwidth  | Δλ               | V <sub>F</sub> =5V |      | 30    |      | nm   |
| Half Power Beam Angle         | Δθ               |                    |      | ±30   |      | deg. |
| Operating Voltage *3          | V <sub>opr</sub> |                    | 2    | 3 ~ 5 | 9    | V    |
| Pulse Rate                    | f                | V <sub>F</sub> =3V | 1.0  | 1.6   | 3    | Hz   |
| Peak Current (50% duty cycle) | I <sub>FP</sub>  | V <sub>F</sub> =5V |      | 20    |      | mA   |

\*2 Tolerance: ± 30%

\*3 When in series with normal LED, blinking LED can cause the normal LED blinks in phase. The operating voltage means the voltage applied to the blinking LED only, excluding the normal LED if in series.

Luminous Intensity vs  
Forward Voltage



Radiation Diagram

