

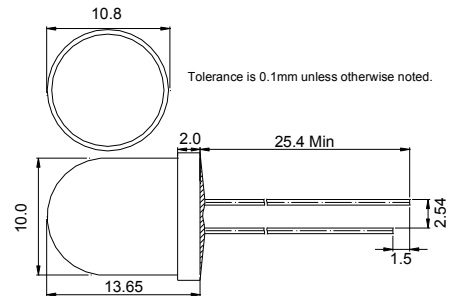
# HHEC

# Product Specification

Device Part No:HUWH-9101L

## Features:

- Lighting color: White
- Lens Type: Water Clear
- Device Outline:  $\Phi 10\text{mm}$  Round Type



## Absolute Maximum Ratings

( $T_a = 25^\circ\text{C}$ )

Series	Symbol	Testing Condition	Characteristics		Unit
			Max.	Min.	
Power Dissipation	Pd	—	100	—	mW
Reverse Voltage	V <sub>R</sub>	I <sub>R</sub> = 30 $\mu$ A	—	7	V
Peak Forward Current	I <sub>peak</sub>	Duty=0.1, 1kHz	100	—	mA
Derating Linear	I/C	—	0.4	—	mA/ $^\circ\text{C}$
Operating Temperature Range	T <sub>opr</sub>	—	+80	-25	$^\circ\text{C}$
Storage Temperature Range	T <sub>str</sub>	—	+100	-40	$^\circ\text{C}$
Lead Soldering Temperature	T <sub>sol</sub>	260 $^\circ\text{C}$ for 5sec. (3.0mm from resin)			
Anti-static Voltage	1000				V

## Electro-Optical Characteristics

( $T_a = 25^\circ\text{C}$ )

Series	Symbol	Testing Condition	Characteristics			Unit
			Max.	Typ.	Min.	
Forward Voltage	V <sub>F</sub>	I <sub>F</sub> = 20mA		3.4		V
Reverse Current	I <sub>R</sub>	V <sub>R</sub> = 7V	30	—	—	$\mu$ A
Peak Emission Wavelength	$\lambda_p$	I <sub>F</sub> = 20mA	—	—	—	nm
Spectrum Width of Half Value	$\Delta \lambda$	I <sub>F</sub> = 20mA	—	20	—	nm
Luminous Intensity Angle	2 $\phi$ 1/2	I <sub>F</sub> = 20mA	—	18	—	$^\circ$
Luminous Intensity	I <sub>V</sub>	I <sub>F</sub> = 20mA		18000		mcd

Remarks: 1. Luminous Intensity is measured by JF- II tester of HongJin  
2. All of the products are sensitive to static voltage. It is recommended that antistatic facilities like wrist band or antistatic gloves are used when handling the products.