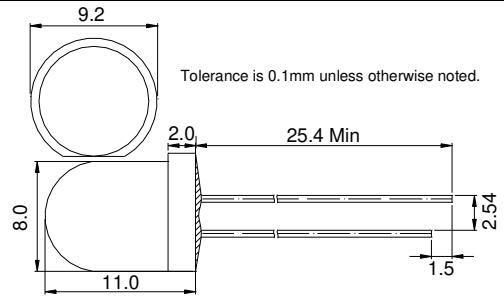


## Product Specification

### Device Part No:HUWH-7101L

**Features:**

- Lighting color: White
- Lens Type: Water Clear
- Device Outline:  $\Phi 8\text{mm}$  Round Type



**Absolute Maximum Ratings**

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

Series	Symbol	Testing Condition	Characteristics		Unit
			Max.	Min.	
Power Dissipation	$P_d$	---	100	---	mW
Reverse Voltage	$V_R$	$I_R = 30 \mu\text{A}$	---	7	V
Peak Forward Current	$I_{\text{peak}}$	Duty=0.1, 1kHz	100	---	mA
Derating Linear	I/C	---	0.4	---	mA/ $^\circ\text{C}$
Operating Temperature Range	$T_{\text{opr}}$	---	+80	-25	$^\circ\text{C}$
Storage Temperature Range	$T_{\text{str}}$	---	+100	-40	$^\circ\text{C}$
Lead Soldering Temperature	$T_{\text{sol}}$	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	$V_F$	$I_F = 20\text{mA}$		3.4		V
Reverse Current	$I_R$	$V_R = 7\text{V}$	30	—	—	$\mu\text{A}$
Peak Emission Wavelength	$\lambda_p$	$I_F = 20\text{mA}$	—	—	—	nm
Spectrum Width of Half Value	$\Delta \lambda$	$I_F = 20\text{mA}$	—	20	—	nm
Luminous Intensity Angle	$2\phi_{1/2}$	$I_F = 20\text{mA}$	—	18	—	$^\circ$
Luminous Intensity	$I_V$	$I_F = 20\text{mA}$		18000		mcd