

BN 203300

203300dat.jpg (990x1375x246 jpeg)

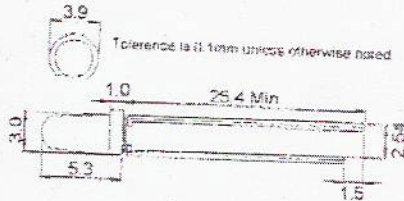
**HHEC**

**NingBo KELI  
Electron Co., Ltd.**

**Product Specification  
Device Part No: HUBL-3101L**

**Features:**

- Lighting color: Blue
- Lens Type: Water Clear
- Device Outline:  $\varnothing 3mm$  Round Type



**Absolute Maximim Ratings**

( $T_a = 25^\circ C$ )

Series	Symbol	Testing Condition	Characteristics		Unit
			Max.	Min.	
Power Dissipation	$P_d$	—	100	—	mW
Reverse Voltage	$V_R$	$I_R = 50 \mu A$	—	7	V
Peak Forward Current	$I_{peak}$	Duty=0.1, 1kHz	120	—	mA
Derating Linear	$I/C$	—	0.4	—	mA/ $^\circ C$
Operating Temperature Range	$T_{opr}$	—	+75	-25	$^\circ C$
Storage Temperature Range	$T_{str}$	—	+100	-40	$^\circ C$
Lead Soldering Temperature	$T_{sol}$	260 $^\circ C$ for 5sec. (3.0mm from resin)			

**Electro-Optical Characteristics**

( $T_a = 25^\circ C$ )

Series	Symbol	Testing Condition	Characteristics			Unit
			Max.	Typ.	Min.	
Forward Voltage	$V_F$	$I_F = 20mA$	4.0	3.6	3.2	V
Reverse Current	$I_R$	$V_R = 7V$	50	—	—	$\mu A$
Peak Emission Wavelength	$\lambda_p$	$I_F = 20mA$	—	470	—	nm
Spectrum Width of Half Value	$\Delta \lambda$	$I_F = 20mA$	—	20	—	nm
Luminous Intensity Angle	$2\phi_{1/2}$	$I_F = 20mA$	—	40	—	$^\circ$
Luminous Intensity	$I_V$	$I_F = 20mA$	—	2000	—	mcd

Remarks: Luminous Intensity is measured by JF-II tester of KELI