Product Specification Device Part No:HUBG-5108L

Features:

• Lighting color: Bulish Green

Lens Type: Water Clear

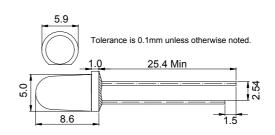
Standard T-1 3/4PackageType

• High Intensity, Viewing Angle:30°

Application:

• Used in Trafic Sign Light

Electronic Sign and Signals



All dimension are in millimeters.

Tolerance is ±0.20mm unless otherwise noted
Producted resin under flanger is 1.5mm max
Lead spacing is measured where the leads emerge from the

5 Specification are subject to change without notice

$$(Ta = 25^{\circ}C)$$

Series	Symbol	Testing Condition	Characteristics		Unit
		Testing Condition	Max.	Min.	Unit
Power Dissipation	Pd		120		mW
Reverse Voltage	VR	$I_R = 50 \mu A$		5	V
Peak Forward Current	Ipeak	Duty=0.1, 1kHz	100		mA
Derating Linear	I/C		0.5		mA/°C
Operating Temperature Range	Topr		+80	-30	$^{\circ}$
Storage Temperature Range	Tstr		+100	-40	$^{\circ}$
Lead Soldering Temperature	Tsol	260℃ for 5sec.(3.0mm from resin)			
Anti-static Voltage	1000			V	

Electro-Optical Characteristics

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Series	Symbol	Testing Condition	Characteristics			Unit
			Max.	Typ.	Min.	Unit
Forward Voltage	VF	$I_F = 20 \text{mA}$	4.0	3.5		V
Reverse Current	IR	$V_R = 5V$	100	_		μА
Peak Emission Wavelength	λp	$I_F = 10 \text{mA}$		505	_	nm
Spectrum Width of Half Value	Δλ	$I_F = 10 \text{mA}$		20	_	nm
Luminous Intensity Angle	2 ф 1/2	$I_F = 20 \text{mA}$	_	30		degre e
Luminous Intensity	Iv	$I_F = 20 \text{mA}$			2200	mcd

Remarks: 1. Luminous Intensity is measured by JF-II tester.

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 handing the products.

Bin Code of luminous Intensity:

	Intensity Specification	
Iv Bin Code	Iv (min)	Iv(max)
T	1590	2225
U	2225	3115
V	3115	4360

Cautions on LED usage:

- 1. Static Electricity and surge will damage the LEDs, It is recommended to use a wrist band or anti-electrostatic glove when handling the LEDs.
- 2. Use Grounded soldering iron and do not solder the LEDs at the conditions beyond the absolute maximum ratings specified in the data sheet.
- 3. HHEC will not be held responsible for any damage caused by the operation exceeds the absolute maximum ratings.
- 4. Use the LEDs as soon as possible once the bag was opened. Store and use where there is no corrosive gas. The leads of LEDs will be rusty when the LEDs were exposed to the air for longer than one month.