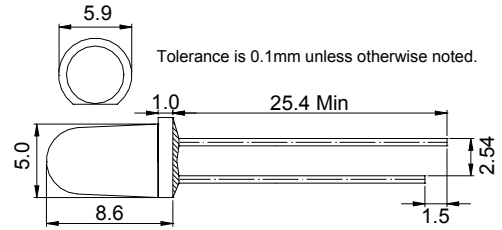


**HSBL-5101L****Product Specification****Features :**

- Lighting color : Blue
- Lens Type : Water Clear
- Device Outline :  $\Phi$ 5mm Round Type

**Absolute Maximim Ratings**

( Ta = 25°C )

Series	Symbol	Testing Condition	Characteristics		Unit
			Max.	Min.	
Power Dissipation	Pd	---	100	---	mW
Reverse Voltage	VR	IR = 50 $\mu$ A	---	6	V
Peak Forward Current	Ipeak	Duty=0.1, 1kHz	120	---	mA
Derating Linear	I/C	---	0.4	---	mA/°C
Operating Temperature Range	Topr	---	+80	-25	°C
Storage Temperature Range	Tstr	---	+100	-40	°C
Lead Soldering Temperature	Tsol	260°C for 5sec.( 3.0mm from resin )			
Anti-static Voltage	1000				V

**Electro-Optical Characteristics**

( Ta = 25°C )

Series	Symbol	Testing Condition	Characteristics			Unit
			Min.	TYP.	Max	
Forward Voltage	VF	IF = 20mA	3.4	3.7	4.3	V
Reverse Current	IR	VR = 5V	---	—	50	$\mu$ A
Peak Emission Wavelength	$\lambda$ p	IF = 10mA	—	468	—	nm
Spectrum Width of Half Value	$\Delta \lambda$	IF = 10mA	—	20	—	nm
Luminous Intensity Angle	2 $\phi$ 1/2	IF = 20mA	11	15	---	°
Luminous Intensity	Iv	IF = 20mA	—	1000	150 0	mcd