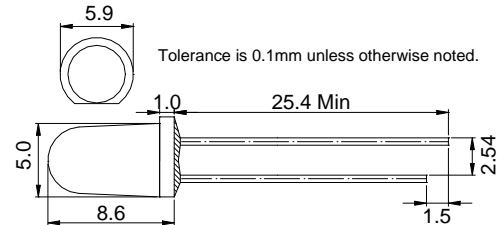




HUUV-5102L

Features:

- Lighting color: Ultraviolet
- Lens Type: Water Clear
- Device Outline: 5 mm Round Type



Absolute Maximum Ratings

(Ta = 25°C)

Series	Symbol	Testing Condition	Characteristics		Unit
			Max.	Min.	
Power Dissipation	Pd		200		mW
Reverse Voltage	VR	IR = 50 µA		6	V
Peak Forward Current	Ipeak	Duty=0.1@1kHz	120		mA
Derating Linear	I/C		0.5		mA/°C
Operating Temperature Range	Topr		+75	-25	°C
Storage Temperature Range	Tstr		+100	-40	°C
Lead Soldering Temperature	Tsol	260°C for 5 sec. (3.0mm from resin)			
ESD Voltage		1000			V

Electro-Optical Characteristics

(Ta = 25°C)

Series	Symbol	Testing Condition	Characteristics			Unit
			Max.	Typ.	Min.	
Forward Voltage	VF	IF = 20 mA	3.6	3.4	3.2	V
Reverse Current	IR	VR = 5 V	30			µA
Peak Emission Wavelength	λp	IF = 10 mA		395		nm
Spectrum Width of Half Value	Δλ	IF = 10 mA		20		nm
Luminous Intensity Angle	2 Φ1/2	IF = 20 mA		20		degree
Luminous Intensity	IV	IF = 20 mA	250	200	150	mcd

Remarks:

1. Luminous Intensity is measured by JF-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 handling the products.