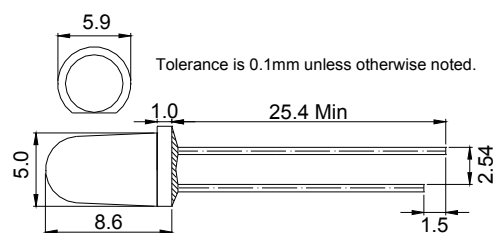


BN204113/15/17/19**Product Specification****Device Part No:****Features:**

- Lighting color: blue
- Lens Type: Water Clear
- Device Outline : $\Phi 3-5-8-10\text{mm}$ 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 μ 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
			Max.	Typ.	Min.	
Forward Voltage	VF	IF = 20mA	----	3.5	----	V
Reverse Current	IR	VR = 5V	50	—	—	μ A
Peak Emission Wavelength	λ p	IF = 10mA	—	470	—	nm
Spectrum Width of Half Value	$\Delta \lambda$	IF = 10mA	—	20	—	nm
Luminous Intensity Angle	2 ϕ 1/2	IF = 20mA	—	16	11	°
Luminous Intensity	Iv	IF = 20mA	—	10000	—	mcd

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

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.