





AND262HBB

InGaN High Brightness Blue Light Emission

- 3 mm (T-1) Package
- Peak wavelength (λp = 470nm) high bright emission
- All plastic mold type, clear colorless lens
- Low drive current: 1 to 20 mA DC
- Excellent On-Off contrast ratio
- Fast response time, capable of pulse operation
- High power intensity
- High reliability
- RoHS compliant

Maximum Ratings $(T_a = 25^{\circ}C)$

Characteristics	Symbol	Rating	Unit
Forward Current	I _F	30	mA
Reverse Voltage	V _R	5	V
Power Dissipation	P _D	100	mW
Operating Temperature Range	T _{Opr}	-40 to 85	С
Storage Temperature Range	T _{Sig}	-40 to 100	С

Electro-Optical Characteristics (T_a = 25°C)

Characteristics	Symbol	Test Condition	Minimum	Typical	Maximum	Unit
Forward Voltage	V_{F}	I _F = 20 mA	_	3.5	4.0	V
Reverse Current	I _R	V _R = 5V	_	_	10	μA
Luminous Intensity	I _V	I _F = 20 mA	150	300	_	mcd
Peak Emission Wavelength	λ_{P}	I _F = 20 mA	_	470	_	nm
Spectral Line Half Width	Δλ	I _F = 20 mA	_	40	_	nm
Dominant Wavelength	λd	I _F = 20 mA	465	_	475	nm
Full Viewing Angle	θ	I _V = 1/2 Peak	_	45	_	degree

Precaution

Please be careful of the following:

- 1. Soldering temperature: 260 C max.
 - Soldering time: 5 sec. max.
 - Soldering portion of lead: up to 1.6 mm from the body of the device
- 2. The lead can be formed up to 5 mm from the body of the device without forming stress. Soldering should be performed after the lead forming.
- 3. Absolute secure counter measures against static electricity and surge should be taken when handling these products. It is recommended to use wrist band or antistatic gloves when handling these LEDs















