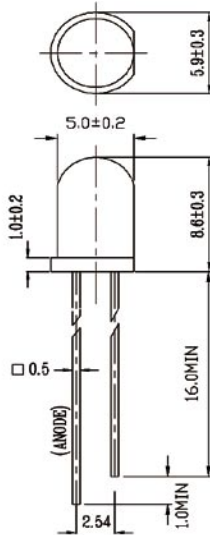


Weight: 0.31g Unit: mm



AND157HGP

InGaAlP High Brightness Green Light Emission
T-1 3/4 Package (5mm)

Features

- High Efficiency
- Viewing Angle: 20 degrees
- All plastic mold type, clear colorless lens
- Peak Wavelength: λ_p - 575 nm
- ESD-withstand voltage: up to 2KV
- RoHS compliant

Applications: Outdoor displays, status indicators, backlighting, commercial use

Maximum Ratings (Ta - 25 °C)

Characteristic	Symbol	Rating	Unit
Continuous Forward Current	I _F	25	mA
Reverse Voltage	V _R	5	V
Peak Forward Current (Pulse Width <100 μs, Duty Cycle < 1%)	I _{FP}	100	mA
Power Dissipation	P _D	60	mW
Operating Temperature Range	T _{OPR}	-40 to 85	°C
Storage Temperature Range	T _{STG}	-40 to 100	°C
Soldering Temperature (time < 5 sec.)	T _{SOL}	260	°C
Electrostatic Discharge	ESD	2,000	V
Zener Reverse Current	I _Z	100	mA

Electro-Optical Characteristics (Ta = 25°C)

Item	Symbol	Test Condition	Minimum	Typical	Maximum	Unit
Forward Voltage	V _F	I _F = 20 mA	-	2.0	2.4	V
Reverse Current	I _R	V _R = 5 V	-	-	10	μA
Luminous Intensity	I _v	I _F = 20 mA	630	1,250	-	mcd
Viewing Angle	2 θ 1/2	I _F = 20 mA	-	20	-	degrees
Peak Emission Wavelength	λ _R	I _F = 20 mA	-	575	-	nm
Spectrum Radiation Bandwidth	λ _D	I _F = 20 mA	-	573	-	nm
Dominant Wavelength	Δλ	I _F = 20 mA	-	20	-	nm

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.

Product specifications contained herein may be changed without prior notice.

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