Middle Power Infrared LED JGN1105H-TR / JGN5306X

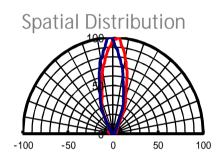
1. [Under Development] Surface mount type LED

INFRARED LED



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L2.5 x W1.6 x H1.85 mm



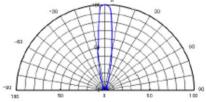
2. Through hole type LED

Product Name • JGN5306X

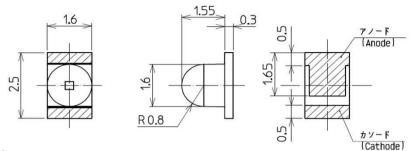


Φ5 through hole type

Spatial Distribution

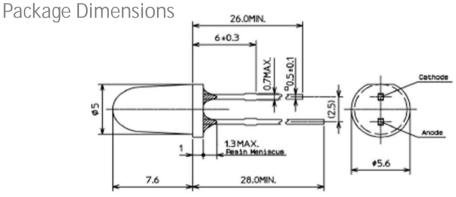


Package Dimensions



Characteristics Data (1a=25 deg.)

Peak Wavelength	Forward Voltage	Radiant Intensity	Total Power
р	V_{F}	Ι _Ε	Po
Тур.	Тур.	Тур.	Тур.
850nm	1.5V	50mW/sr@50mA	30mW
	@50mA	100mW/sr@100mA	@50mA



Characteristics Data (Ta=25 deg.)

Peak Wavelength p	Forward Voltage V _F	Radiant Intensity I _E	Total Power Po
Тур.	Тур.	Тур.	Тур.
850nm	1.5V @50mA	200mW/sr@50mA	40mW @50mA

*Performance and specification may revised without prior notice, in accordance to meet the engineering development. It is recommended to confirm the most updated specification before designing.

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1. [Under Development] Surface mount type LED

Application

- ➤Security camera
 - -Security network camera, Video intercom, Children/Elderly/Pets monitoring in house, Production line monitoring
- Biometric authentication for entrance/exit control system and PC log-in/log-out system etc.
 - -Vein authentication, Fingerprint authentication, Face authentication
- ► Image processing and inspection
- ➢Photo sensor for Industrial equipment









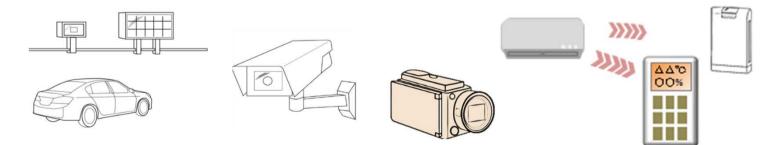
2. Through hole type LED

Application

➤Security camera

- -Traffic monitoring system, Security camera, Floodlight
- >Infrared communication system between home electric appliance
- Image processing and inspection

➢Photo sensor for Industrial equipment



*Performance and specification may revised without prior notice, in accordance to meet the engineering development. It is recommended to confirm the most updated specification before designing. Updated Feb 2016

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