Middle Power Infrared LED JGN1105H-TR / JGN5306X

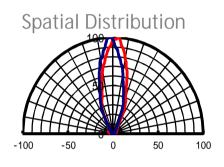
1. [Under Development] Surface mount type LED

INFRARED LED



STANLEY

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



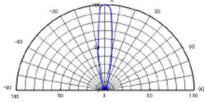
2. Through hole type LED

Product Name • JGN5306X

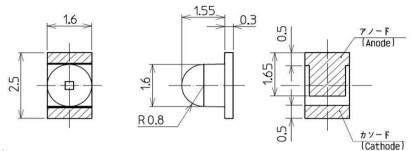


Φ5 through hole type

Spatial Distribution

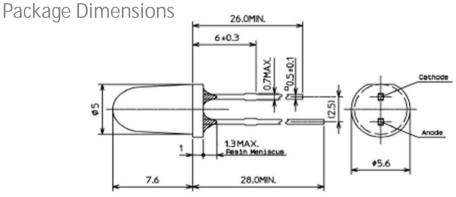


Package Dimensions



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.

STANLEY ELECTRIC

Middle Power Infrared LED JGN1105H-TR / JGN5306X

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









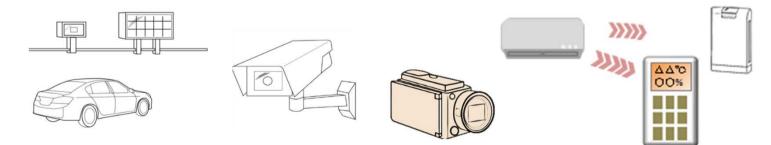
2. Through hole type LED

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

STANLEY ELECTRIC

U.S.A.: +1-949-222-0777 Thailand: +66-2-599-1260 EXT187 China Shanghai: +86-21-5298-9431 UK:+44-1344-393-536 Singapore:+65-6734-2683 Shenzhen:+86-755-8606-9122

URL http://stanley-components.com/en

Germany: +49-6105-930530 Hong Kong: +852-2730-1738 Taiwan:+886-2-2567-7886 France:+33-1-47-81-85-85

Japan:+81-45-910-2848