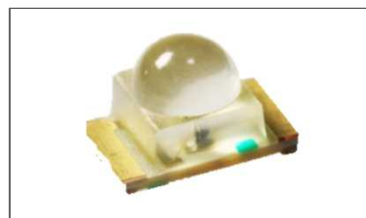


1. [Under Development] Surface mount type LED

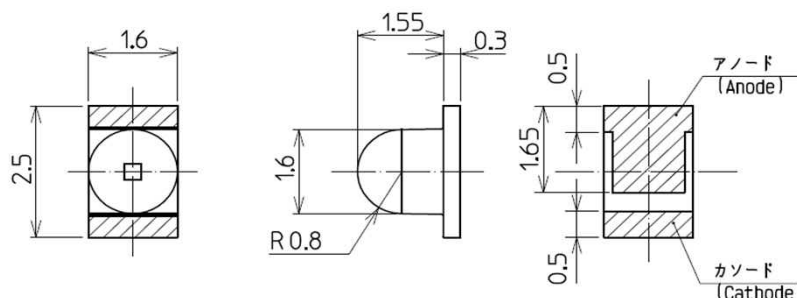
Product Name

•JGN1105H-TR



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

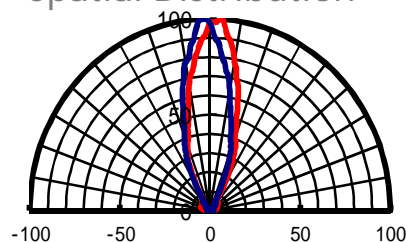
Package Dimensions



Characteristics Data ($I_a=25$ deg.)

Peak Wavelength ρ	Forward Voltage V_F	Radiant Intensity I_E	Total Power P_o
Typ.	Typ.	Typ.	Typ.
850nm	1.5V @50mA	50mW/sr@50mA 100mW/sr@100mA	30mW @50mA

Spatial Distribution



2. Through hole type LED

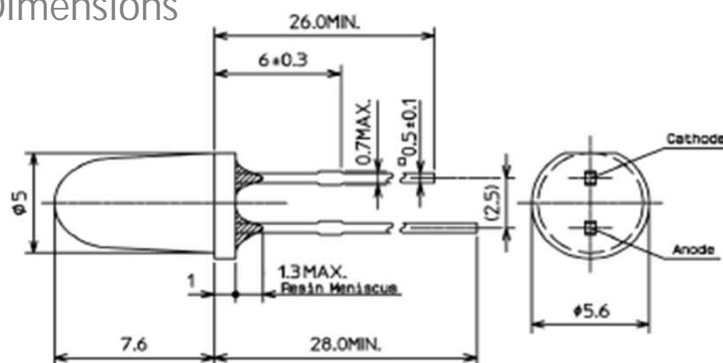
Product Name

•JGN5306X



Φ5 through hole type

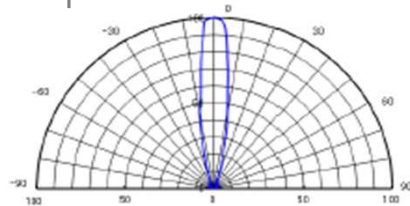
Package Dimensions



Characteristics Data ($T_a=25$ deg.)

Peak Wavelength ρ	Forward Voltage V_F	Radiant Intensity I_E	Total Power P_o
Typ.	Typ.	Typ.	Typ.
850nm	1.5V @50mA	200mW/sr@50mA	40mW @50mA

Spatial Distribution



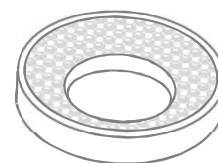
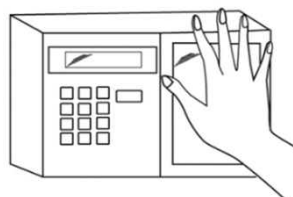
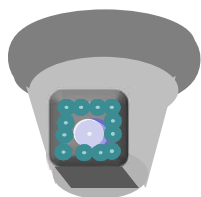
*Performance and specification may revised without prior notice, in accordance to meet the engineering development.
It is recommended to confirm the most updated specification before designing.

Updated Feb 2016

1. [Under Development] Surface mount type LED

Application

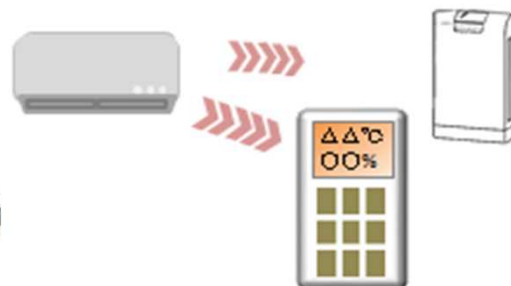
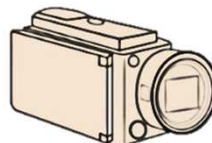
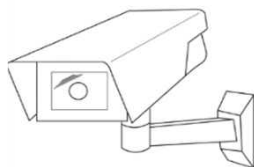
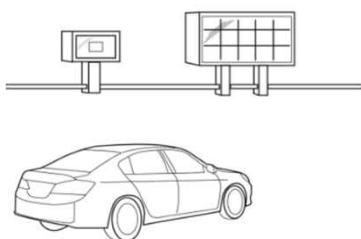
- Security camera
 - Security network camera, Video intercom, Children/Elderly/Pets monitoring in house, Production line monitoring
- Biometric authentication for entrance/exit control system and PC log-in/log-out system etc.
 - Vein authentication, Fingerprint authentication, Face authentication
- Image 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



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It is recommended to confirm the most updated specification before designing.

Updated Feb 2016