

## IRH-280SB

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|--|---|
| 1. Color                                       | Infrared                                  |
| 2. Material                                    | AlGaAs/GaAs                               |
| 3. Electrode                                   | P side (anode): Au / N side (cathode): Au |
| 4. Electrode pattern                           | (Fig.)                                    |
| 5. Chip size                                   | 0.260mm × 0.260mm × 0.240mmH (Fig.)       |
| 6. Electro-Optical characteristics (Ta = 25°C) |   |

| Parameters                   | Symbol | Condition | Characteristics |      |      | Unit |
|------------------------------|--------|-----------|-----------------|------|------|------|
|                              |        |           | Min.            | Typ. | Max. |      |
| Power*                       | Po     | IF = 20mA | 1.8             | 2.0  | 2.4  | mW   |
| Forward Voltage              | VF     | IF = 20mA |                 | 1.25 | 1.40 | V    |
| Reverse Current              | IR     | VR = 5V   |                 |      | 10   | μA   |
| Peak Wavelength              | λP     | IF = 20mA |                 | 940  |      | nm   |
| Spectral Radiation Bandwidth | Δλ     | IF = 20mA |                 | 60   |      | nm   |

\* Power Measurement at RESONAC PHOTONICS.

LED chip : To be mounted on TO-18 gold header without resin coating.

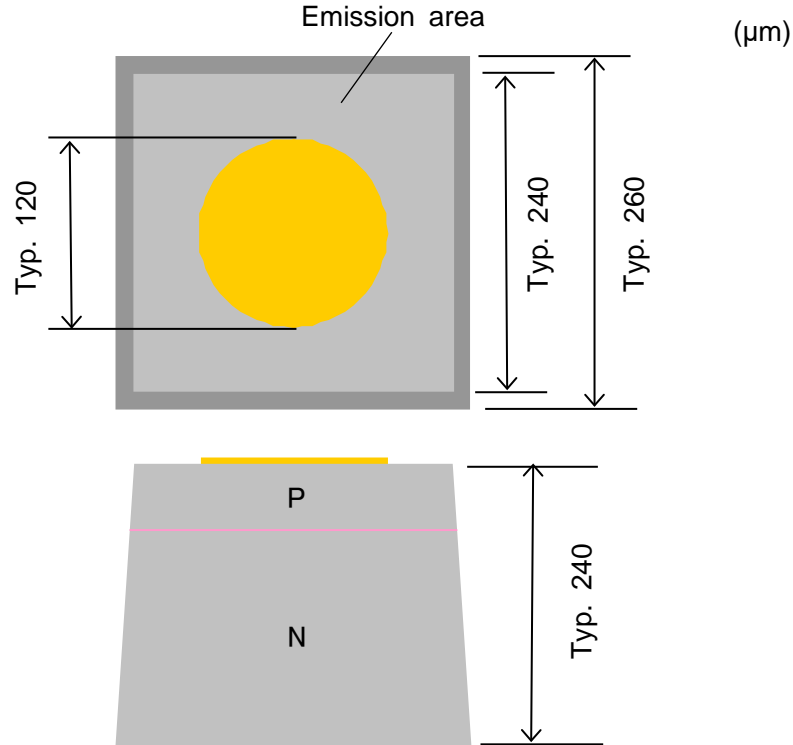


Fig. Electrode pattern & Chip size

The information contained herein is believed to be reliable.

However, no representations, guaranties or warranties of any kind are made as to accuracy and suitability of the Product for particular applications or the results of its use.

RESONAC PHOTONICS reserves the right to introduce changes without notice.