

## DRH-35

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|--|---|
| 1. Color                                       | Infrared                                  |
| 2. Material                                    | AlGaAs                                    |
| 3. Electrode                                   | N side (cathode): Au / P side (anode): Au |
| 4. Electrode pattern                           | (Fig.)                                    |
| 5. Chip size                                   | 0.325mm × 0.325mm × 0.210mmH (Fig.)       |
| 6. Electro-Optical characteristics (Ta = 25°C) |   |

Parameters	Symbol	Condition	Characteristics			Unit
			Min.	Typ.	Max.	
Power*	P <sub>o</sub>	I <sub>F</sub> = 20mA	1.5	2.0		mW
Forward Voltage	V <sub>F</sub>	I <sub>F</sub> = 20mA		1.35	1.70	V
Reverse Current	I <sub>R</sub>	V <sub>R</sub> = 5V			10	μA
Peak Wavelength	λ <sub>P</sub>	I <sub>F</sub> = 20mA		880		nm
Spectral Radiation Bandwidth	Δλ	I <sub>F</sub> = 20mA		50		nm

\* Power Measurement at SHOWA DENKO PHOTONICS.

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

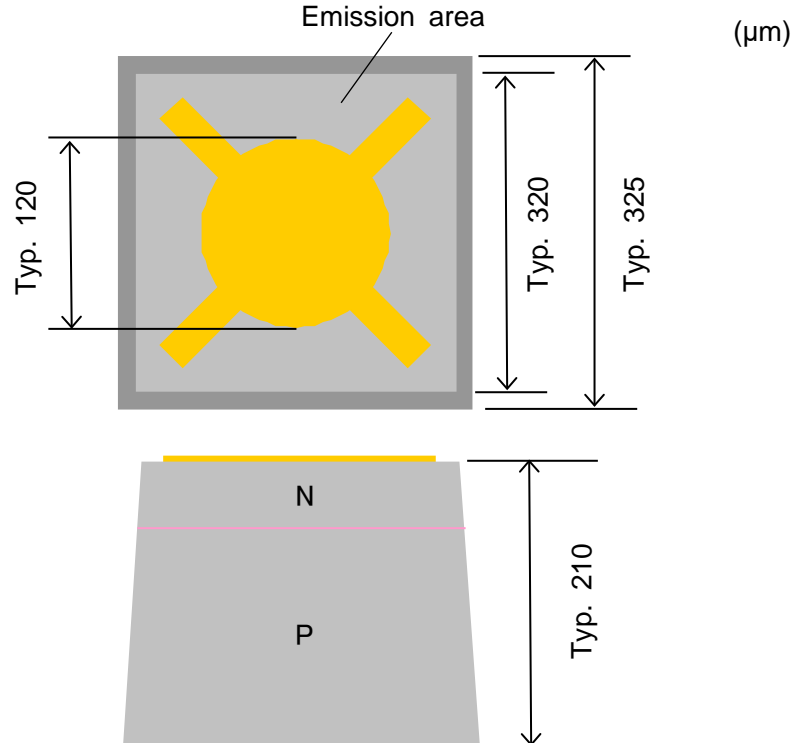


Fig. Electrode pattern & Chip size

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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.

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