

DCK-300B

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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 | 0.280mm × 0.280mm × 0.230mmH (Fig.) |
| 6. Electro-Optical characteristics (Ta = 25°C) | |

Parameters	Symbol	Condition	Characteristics			Unit
			Min.	Typ.	Max.	
Power*	Po	IF = 10mA	0.73	0.97		mW
Forward Voltage	VF	IF = 10mA		1.45	1.60	V
Reverse Current	IR	VR = 5V			10	μA
Peak Wavelength	λP	IF = 20mA		850		nm
Spectral Radiation Bandwidth	Δλ	IF = 20mA		40		nm
Rise time	tr	IF = 20mA		15		ns
Fall time	tf	IF = 20mA		10		ns

* Power Measurement at RESONAC PHOTONICS.

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

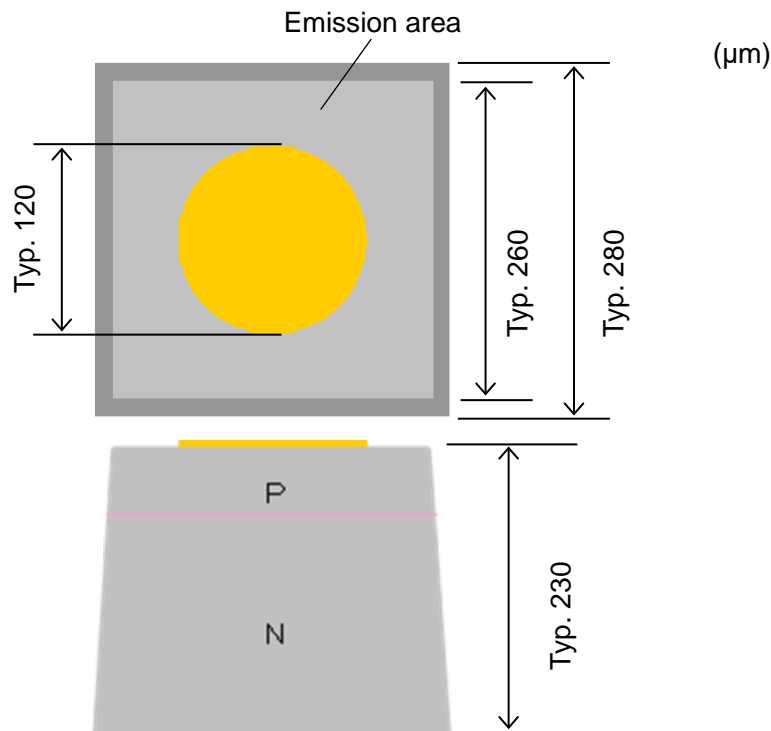


Fig. Electrode pattern & Chip size

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