

## DR-300UC

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|--|---|
| 1. Color                                       | Infrared                                  |
| 2. Material                                    | AlGaAs                                    |
| 3. Electrode                                   | P side (anode): Au / N side (cathode): Au |
| 4. Electrode pattern                           | (Fig.)                                    |
| 5. Chip size                                   | 0.280mm × 0.280mm × 0.200mmH (Fig.)       |
| 6. Electro-Optical characteristics (Ta = 25°C) |   |

Parameters	Symbol	Condition	Characteristics			Unit
			Min.	Typ.	Max.	
Power*	Po	IF = 10mA	0.64	0.90		mW
Forward Voltage	VF	IF = 10mA		1.27	1.40	V
Reverse Current	IR	VR = 5V			10	μA
Peak Wavelength	λP	IF = 20mA		880		nm
Spectral Radiation Bandwidth	Δλ	IF = 20mA		80		nm
Rise time	tr	IF = 20mA		-		ns
Fall time	tf	IF = 20mA		-		ns

\* Power Measurement at RESONAC PHOTONICS.

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

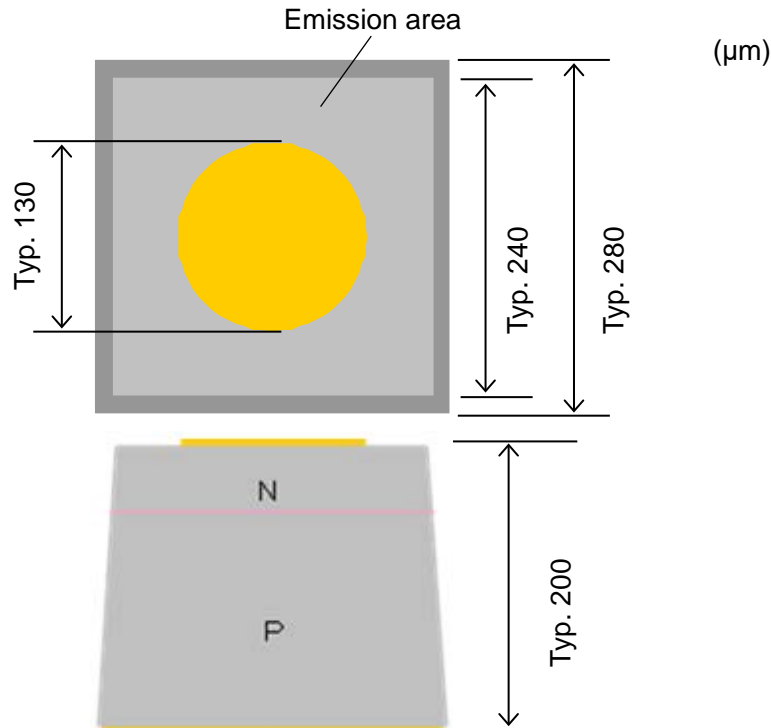


Fig. Electrode pattern & Chip size

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