

Jul. 2022

DR-40

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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 | 0.375mm × 0.375mm × 0.260mmH (Fig.) |
| 6. Electro-Optical characteristics (Ta = 25°C) | |

Parameters	Symbol	Condition	Characteristics			Unit
			Min.	Typ.	Max.	
Power*	Po	IF = 20mA	1.0	1.6		mW
Forward Voltage	VF	IF = 20mA		1.30	1.50	V
Reverse Current	IR	VR = 5V			10	μA
Peak Wavelength	λP	IF = 20mA		880		nm
Spectral Radiation Bandwidth	Δλ	IF = 20mA		80		nm

* Power Measurement at SHOWA DENKO PHOTONICS.

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

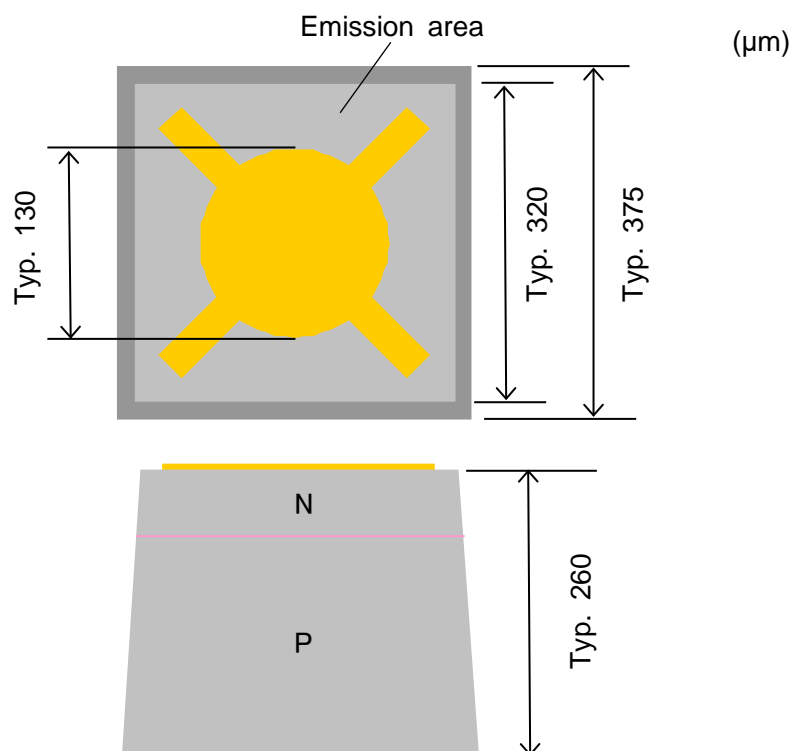


Fig. Electrode pattern & Chip size

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.

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