

L-22P-W(HCL)

- | | |
|------------------------------------|--|
| 1. Color | Red |
| 2. Material | GaP/GaP |
| 3. Electrode | P(anode) side : Au
N(cathode) side : Au |
| 4. Electrode pattern | Fig.1 |
| 5. Chip size | 0.23 mm × 0.23 mm × 0.27 mmH (Fig.2) |
| 6. Emission area | 0.20 mm × 0.20 mm (Fig.2) |
| 7. Electro-Optical characteristics | |

Parameters	Symbol	Condition	Min	Typ	Max	Unit
Brightness	Iv	IF=20 mA	0.5	0.7	—	mcd
Forward Voltage	VF1	IF=10 μA	1.55	1.60	—	V
	VF2	IF=20 mA	—	2.25	2.50	V
Reverse Voltage	IR	VR= 5V	—	—	10	μA
Peak Wavelength	*HUE	IF=20 mA	—	700	—	nm
Spectral Radiation Bandwidth	*Δλ	IF=20 mA	—	100	—	nm

* 「*」mark is reference data

* Brightness measurement at Resonac Photonics.

8. Recommended bonding method Ultra-sonic method or a combination of ultra-sonic And thermo-compression method

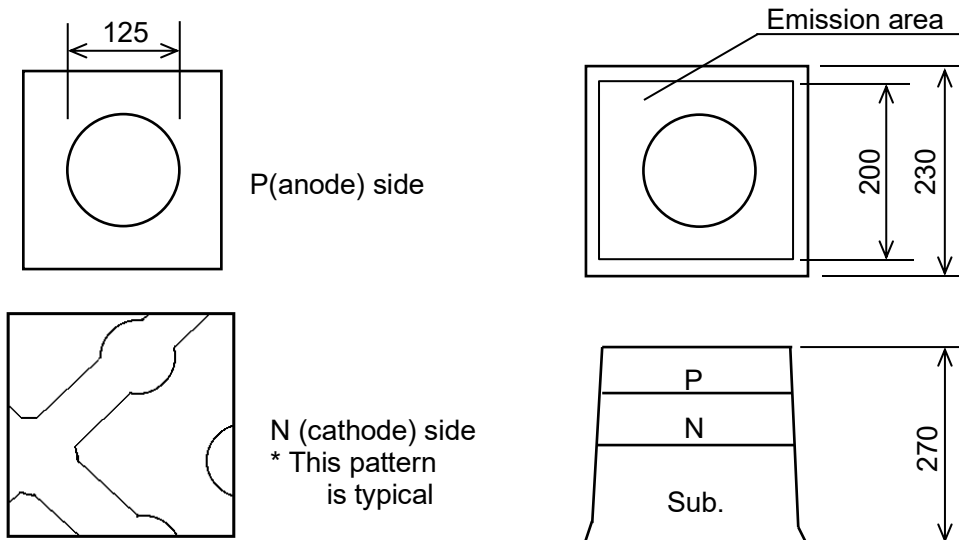


Fig.1 Electrode pattern

Fig.2 Chip size and Emission area

Unit : μm

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 Corporation reserves the right to introduce changes without notice.