

SLYAH-W

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| 1. Color | Yellow Amber |
| 2. Material | GaAsP/GaP |
| 3. Electrode | P(anode) side : Au
N(cathode) side : Au |
| 4. Electrode pattern | Fig.1 |
| 5. Chip size | 0.24 mm × 0.24 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	3.0	8.0	—	mcd
Forward Voltage	VF1	IF=10μA	1.45	1.55	—	V
	VF2	IF=20 mA	—	2.10	2.40	V
Reverse Current	IR	VR= 5 V	—	—	10	μA
Dominant Wavelength	*HUE	IF=20 mA	—	588	—	nm
Spectral Radiation Bandwidth	*Δλ	IF=20 mA	—	40	—	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

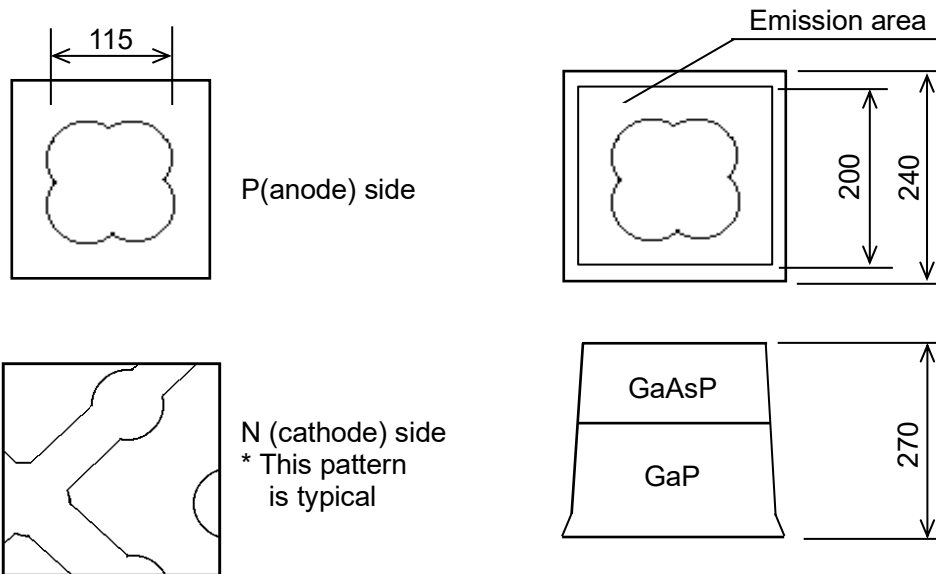


Fig.1 Electrode pattern

Fig.2 Chip size and Emission area

Unit : μm

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