

### SLRSH-W

1. Color Super Red
2. Material GaAsP/GaP
3. Electrode P(anode) side : Al  
N(cathode) side : Au
4. Electrode pattern Fig.1
5. Chip size 0.24mm × 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	I <sub>v</sub>	I <sub>F</sub> =20 mA	2.0	4.0	—	mcd
Forward Voltage	V <sub>F1</sub>	I <sub>F</sub> =10 μA	1.30	1.35	—	V
	V <sub>F2</sub>	I <sub>F</sub> =20 mA	—	2.00	2.40	V
Reverse Current	I <sub>R</sub>	V <sub>R</sub> =5 V	—	—	10	μA
Peak Wavelength	*HUE	I <sub>F</sub> =20 mA	—	645	—	nm
Spectral Radiation Bandwidth	*Δλ	I <sub>F</sub> =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

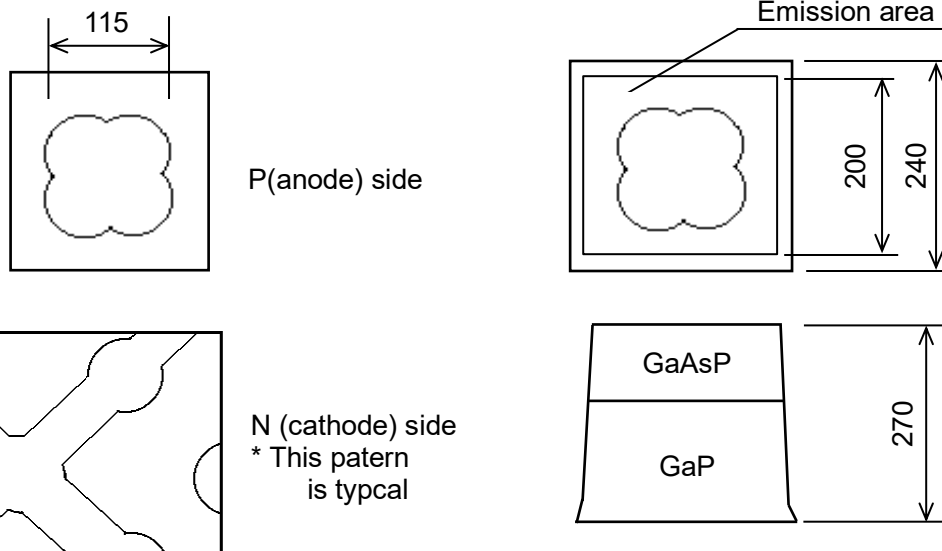


Fig.1 Electrode pattern

Fig.2 Chip size and Emission area

Unit : μm

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