

SLSS-W

1. Color Soft Orange
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	I _v	I _F =20 mA	3.0	5.0	—	mcd
Forward Voltage	V _{F1}	I _F =10 μA	1.40	1.50	—	V
	V _{F2}	I _F =20 mA	—	2.10	2.40	V
Reverse Current	I _R	V _R =5 V	—	—	10	μA
Peak Wavelength	*HUE	I _F =20 mA	—	615	—	nm
Spectral Radiation Bandwidth	*Δλ	I _F =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

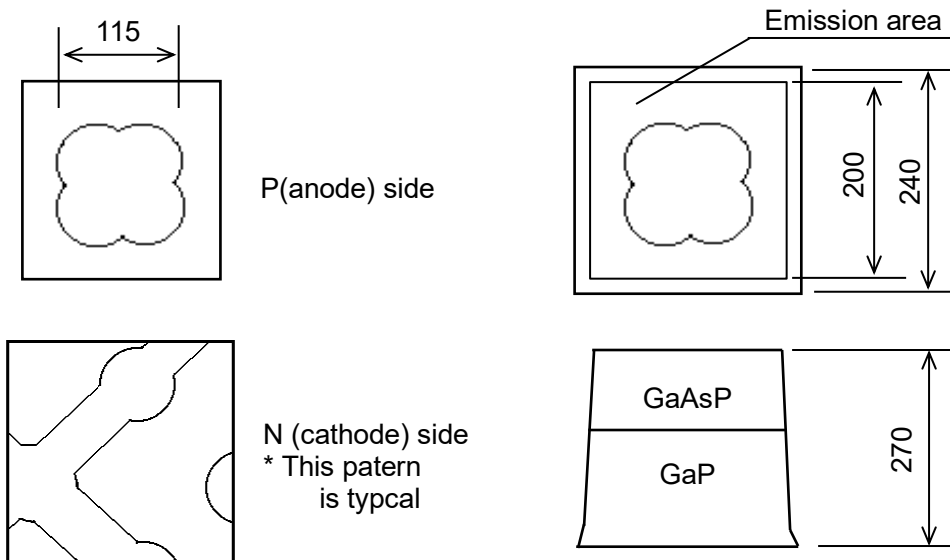


Fig.1 Electrode pattern

Fig.2 Chip size and Emission area

Unit : μm

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