

ARS-30

1. Color Red
2. Material GaAlAs (D · D · H)
3. Electrode N(cathode) side : Au
P(anode) side : Au
4. Electrode pattern Fig.1
5. Chip size 0.33 mm × 0.33 mm × 0.12 mmH (Fig.2)
6. Emission area 0.23 mm × 0.23 mm (Fig.2)
7. Electro-Optical characteristics

Parameters	Symbol	Condition	Min	Typ	Max	Unit
Brightness	IV	IF=20 mA	12.0	18.0	—	mcd
Forward Voltage	VF	IF=20 mA	—	1.80	2.00	V
Reverse Current	IR	VR= 3 V	—	—	100	μA
Peak Wavelength	*HUE	IF=20 mA	650	660	670	nm
Spectral Radiation Bandwidth	*Δλ	IF=20 mA	—	20	—	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

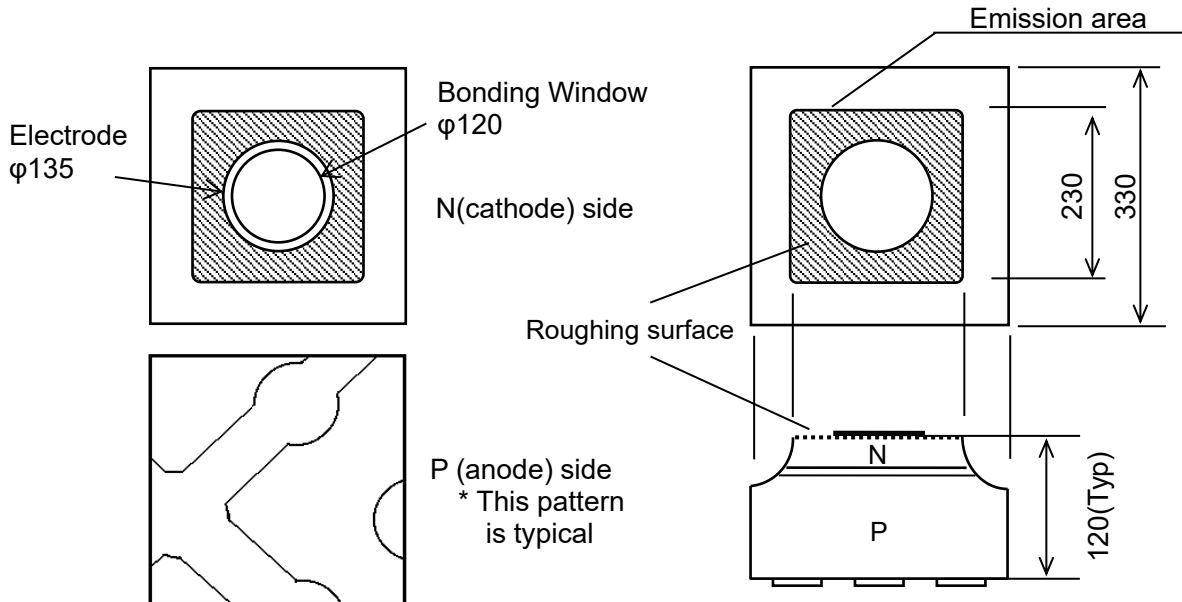


Fig.1 Electrode pattern

Fig.2 Chip size and Emission area

Unit : μm

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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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