Resonac Photonics Corporation
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KM89528NF

1. Material GaAlAs
2. Electrode N (cathode) side : Au
   P (anode) side : Au
3. Electrode pattern Fig.1
4. Chip size 0.265 mm × 0.265 mm × 0.210 mm (Fig.1)
5. Emission area 0.230mm X 0.230mm (Fig.1)
6. Electro-Optical characteristics (Ta = 25˚C)

Parameters	Symbol	Condition	Min	Typ	Max	Unit
Power	Po	IF=20mA	1.6	3.6	-	mW
Forward Voltage	VF	IF=20mA	-	1.33	1.39	V
Reverse Current	IR	VR=3V	-	-	10	uA
Peak Wavelength	λp	IF=20mA	885	895	905	nm
Spectral Radiation Bandwidth	Δλ(*)	IF=20mA	-	50	-	nm

＊ (*) mark is reference data
＊ Power Measurement at Resonac Photonics.

7. Recommended bonding method Ultra-sonic method or a combination of ultra-sonic and thermo-compression methods.

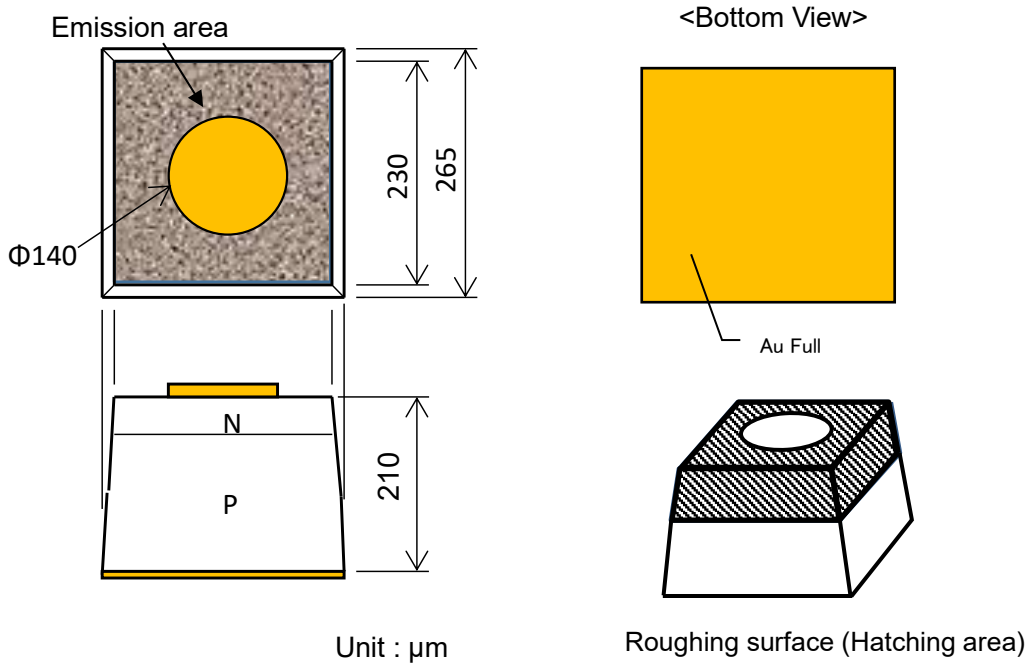

Fig.1 : Chip size and Emission area and Electrode pattern