

L-34P-V(HCL)

1. Color Standard Green
2. Material GaP/GaP
3. Electrode P(anode) side : Au
 N(cathode) side : Au
4. Electrode pattern Fig.1
5. Chip size 0.26 mm × 0.26 mm × 0.27 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 | I _V | I _F =20 mA | 5.5 | 10.0 | — | mcd |
| Forward Voltage | V _{F1} | I _F =10 μA | 1.55 | 1.65 | — | V |
| | V _{F2} | I _F =20 mA | — | 2.20 | 2.40 | V |
| Reverse Current | I _R | V _R =5 V | — | — | 10 | μA |
| Peak Wavelength | *HUE | I _F =20 mA | — | 565 | — | nm |
| Spectral Radiation Bandwidth | *Δλ | I _F =20 mA | — | 30 | — | 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

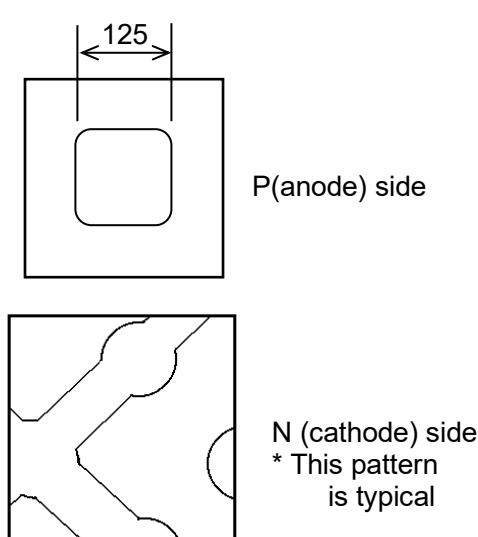


Fig.1 Electrode pattern

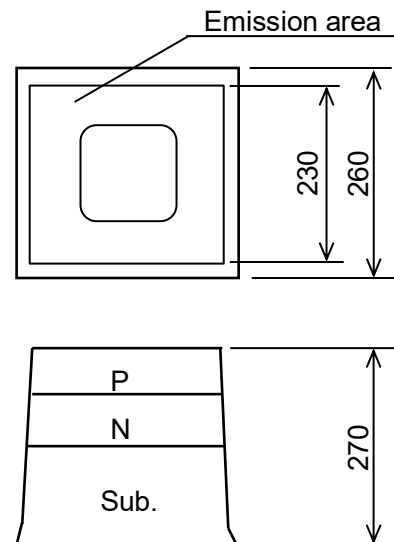


Fig.2 Chip size and Emission area

Unit : μm

The information contained herein is believed to be reliable.

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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