

**L-34PY-W(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                                 0.230 mm × 0.230 mm × 0.270 mmH (Fig.2)
6. Emission area                          0.205 mm × 0.205 mm (Fig.2)
7. Electro-Optical characteristics

Parameters	Symbol	Condition	Min	Typ	Max	Unit
Brightness	Iv	IF=20 mA	7.0	10.0	—	mcd
Forward Voltage	VF1	IF=10 μA	1.55	1.65	—	V
	VF2	IF=20 mA	—	2.20	2.50	V
Reverse Current	IR	VR=5 V	—	—	10	μA
Peak Wavelength	*HUE	IF=20 mA	—	567	—	nm
Spectral Radiation Bandwidth	*Δλ	IF=20 mA	—	26	—	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

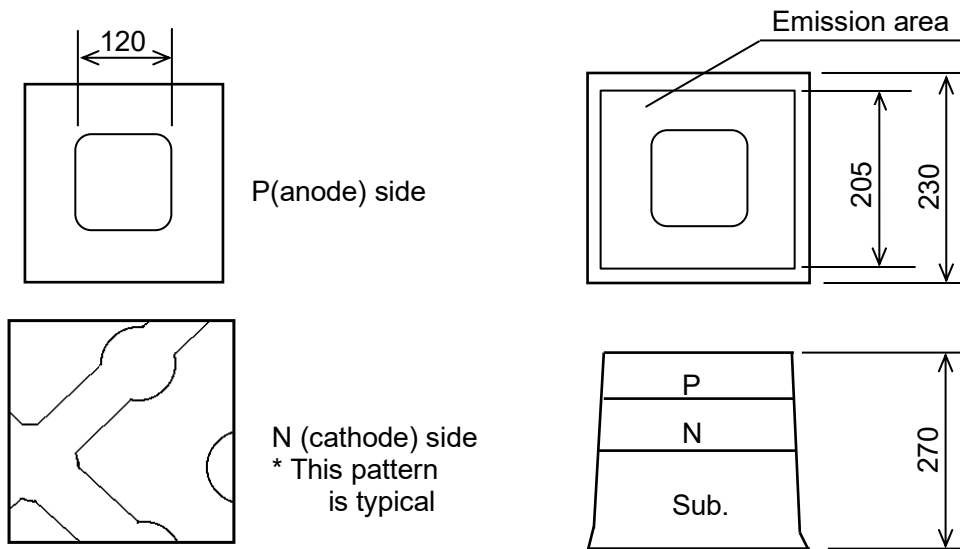


Fig.1 Electrode pattern

Fig.2 Chip size and Emission area

Unit : μm

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