

SPECIFICATION OF LED CHIP

C565-30

[Yellow Green]

1) Commodity Type and Physical Characteristics.

- | | | | |
|----------------------|-------------|------------------|-----------------|
| 1. Material | GaP | | |
| 2. Electrode | Top Side | P (anode) side | : Au Alloy/ Pad |
| | Bottom Side | N (cathode) side | : Au Alloy |
| 3. Electrode Pattern | | | Fig.1 |
| 4. Chip Size | | | Fig.2 |
| 5. Chip Thickness | | | Fig.2 |
| 6. Emission Area | | | Fig.2 |

2) Electro-Optical Characteristics [Ta=25°C]

Parameters	Symbol	Condition	Min.	Typ.	Max.	Unit
Forward Voltage	Vf	If=20mA		2.2	2.4	V
Reverse Current	Ir	Vr=5V			10	uA
Brightness	Iv	If=20mA	12	16		mcd
Power Intensity	Po	If=20mA	0.06	0.12		mW
Peak Wavelength	λ_P	If=20mA	560	565	570	nm
Spectral Radiation Bandwidth	$\Delta\lambda$	If=20mA		25		nm

‡ Die shall be mounted on TO=18 gold header without resin coated.

[Unit: um]

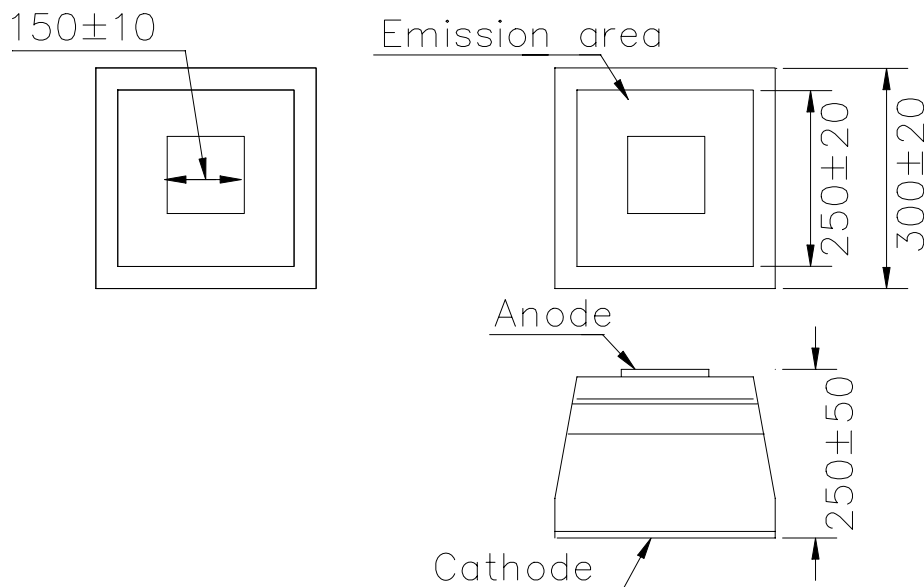


Fig.1 Electrode Pattern

Fig.2 Chip size and Emission Area

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