

LED CHIP LED C565-30V

SPECIFICATION OF LED CHIP
C565-30V
[Yellow Green]

1) Commodity Type and Physical Characteristics.

- 1. Material InGaAlP/GaAs
- 2. Electrode Top Side P (anode) side : Au Alloy/Au or Au 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		2.0	2.3	V
Reverse Current	Ir	Vr=5V			10	uA
Brightness	Iv	If=20mA		14		mcd
Power Intensity	Po	If=20mA		0.05		mW
Peak Wavelength	λ_P	If=20mA	562	565	570	nm
Spectral Radiation Bandwidth	$\Delta\lambda$	If=20mA		15		nm
RiseTime	tr	If=20mA		-		ns
FallTime	tf	If=20mA		-		ns

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

[Unit : um]

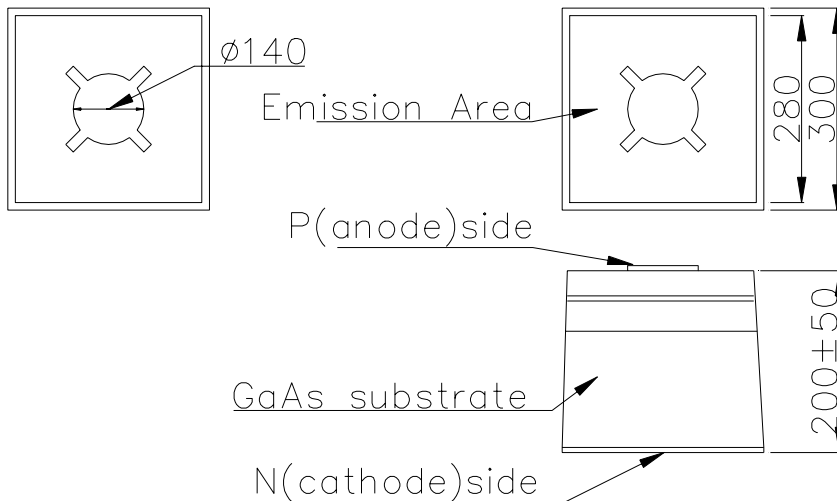


Fig.1 Electrode Pattern

Fig.2 Chip size and Emission Area