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	λP	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]

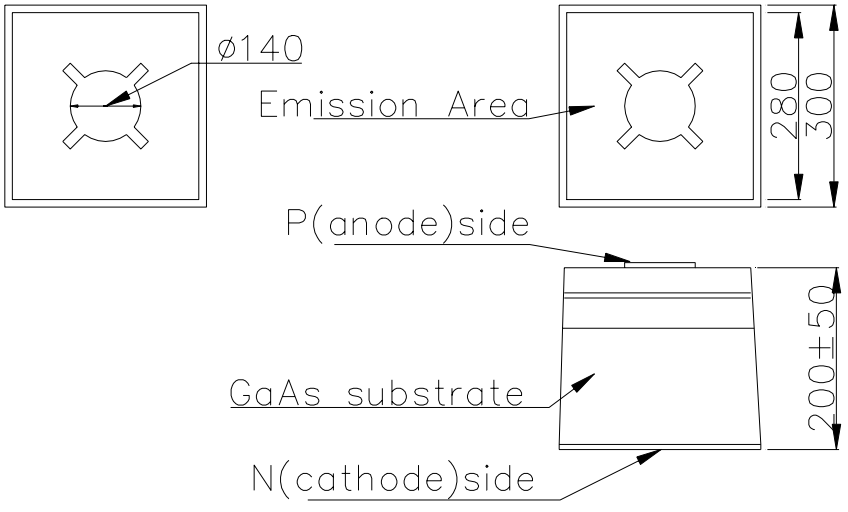


Fig.1 Electrode Pattern Fig.2 Chip size and Emission Area