

**C565-30**

Yellow Green LED CHIP

<Specifications>

Commodity Type and Physical Characteristics	
Material	GaP
Top Side P(anode)side	Au Alloy/Pad
Bottom Side N(cathode)side	Au Alloy
Electrode Pattern	Fig.1
Chip Size	Fig.2
Chip Thickness	Fig.2
Emission Area	Fig.2

Electro-Optical Characteristics [Ta=25°C]						
Item	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	$\lambda P$	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.

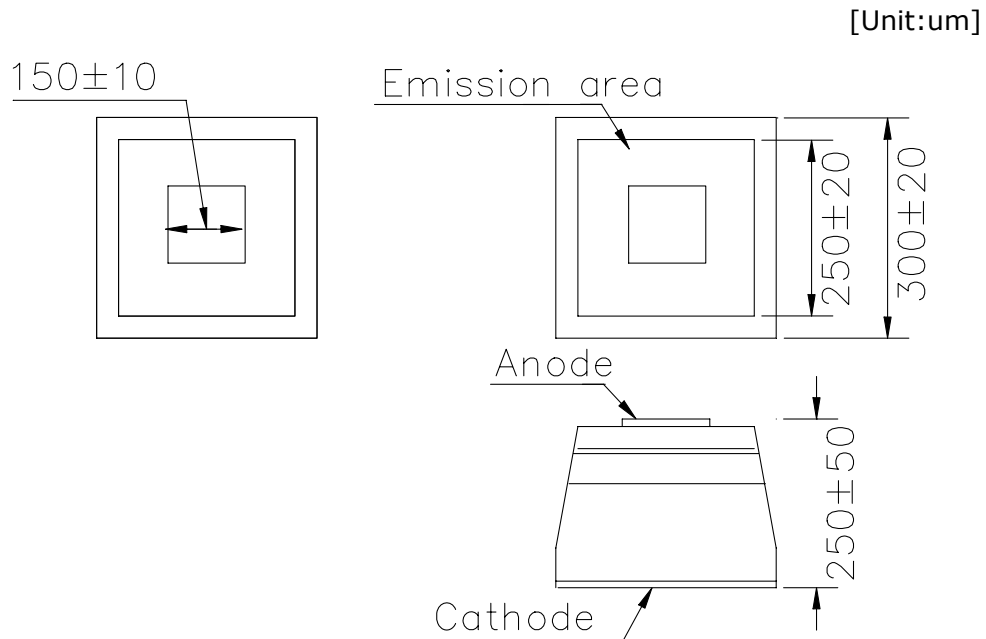


Fig.1 Electrode Pattern

Fig.2 Chip Size and Emission Area