

LED CHIP LED C610-30V

SPECIFICATION OF LED CHIP
C610-30V
[ORANGE]

1) Commodity Type and Physical Characteristics.

- 1. Material InGaAlP/GaAs
- 2. Electrode Top Side P (anode) side : Au Alloy/Al 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

parameters	symbol	condition	min.	typ.	max.	unit
Forward Voltage	Vf	If=20mA		2.0	2.4	V
Reverse Current	Ir	Vr=5V			10	uA
Brightness	Iv	If=20mA	50	90		mcd
Power Intensity	Po	If=20mA	0.6	1.2		mW
Peak Wavelength	λp	If=20mA	600	610	620	nm
Spectral Radiation Bandwidth	Δλ	If=20mA		20		nm
Rise Time	tr	If=20mA		100		ns
Falltime	tf	If=20mA		100		ns

‡ Die shall be mounted on TO=18 gold header without resin coated. (Ta=25°C)

[Unit: um]

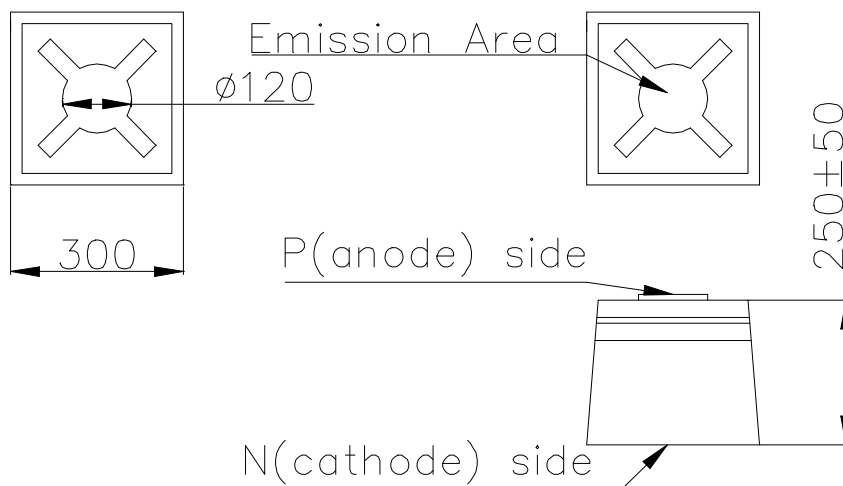


Fig.1 Electrode Pattern

Fig.2 Chip size and Emission Area