

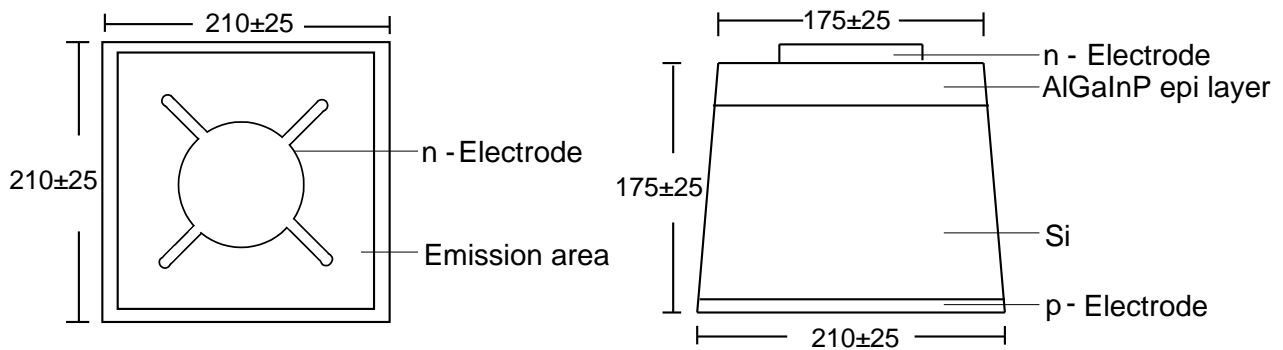
■ **Features :**

- Ultrabright LED Chips
- Suitable for New Creative Products
- 100 % Probing Test
- Sorting Process for Customer Requirements

■ **Typical Applications :**

- Automotive Signal Lamps: Stop/ Tail Lights
- Traffic Signs
- Highway Signs
- Special Decorations
- Full Color Outdoor Moving Signs

■ **Outline Dimensions : (Unit: um)**



■ **Physical Structure :**

Chip dimension	Chip size	210 ± 25 um x 210 ± 25 um
	Thickness	175 ± 25 um
	Emission area	175 ± 25 um
	Bonding pad	90 ± 10 um
Electrode	Top: N (cathode)	Gold
	Backside: P (anode)	Gold
Surface condition	Frosted	

*A2*C2*F2

■ **Electro-Optical Characteristics : (Ta = 25°C)**

Parameter	Symbol	Condition	Min.	Typ.	Max.	Unit
Forward Voltage	V_F	IF = 20 mA	1.80	-	2.30	V
Reverse Current	I_R	Vz = 10 V	-	-	5	uA
Wavelength	λ_D	IF = 20 mA	620	-	630	nm
Spectral width at half height	$\Delta\lambda$	IF = 20 mA	-	20	-	nm
Luminous Intensity	I_v	IF = 20 mA	400	-	1500	mcd