

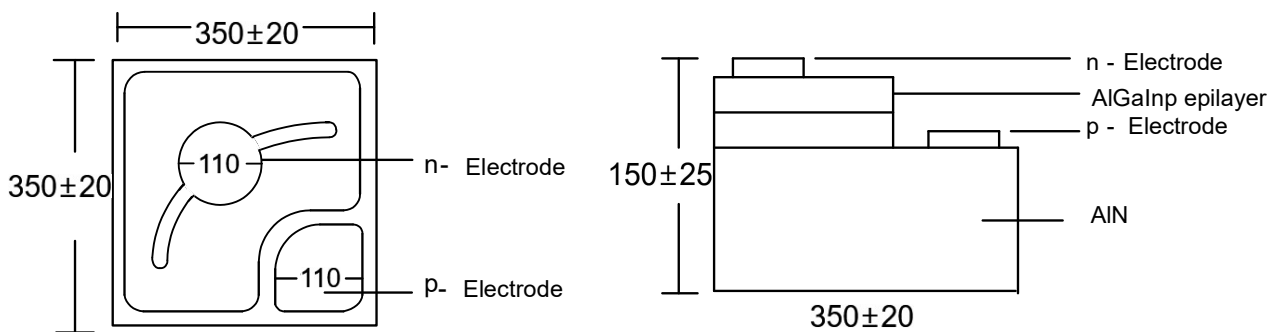
■ **Features :**

- Ultra bright LED chips
- Suitable for New Creative Products

■ **Typical Applications :**

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

■ **Outline Dimensions : (Unit: μm)**



■ **Physical Structure :**

Chip dimension	Chip size	350±20 μm x 350±20 μm
	Thickness	150±25 μm
	Emission area	310±25 μm
	Bonding pad	n:110±10 μm / p:110±10 μm
Electrode	N(cathode)	Gold
	P (anode)	Gold
Surface condition	Frosted	

*C2

■ **Electro-Optical Characteristics : ($T_a = 25^\circ\text{C}$)**

Parameter	Symbol	Condition	Min.	Typ.	Max.	Unit
Forward Voltage	V_F	IF = 20 mA	1.90	-	2.30	V
Reverse Current	I_R	Vz = 5 V	-	-	10	μA
Wavelength	λ_D	IF = 20 mA	620.0		625.0	nm
Spectral width at half height	$\Delta\lambda$	IF = 20 mA	-	17	-	nm
Luminous Intensity	I_v	IF = 20 mA	900	-	1600	mcd