

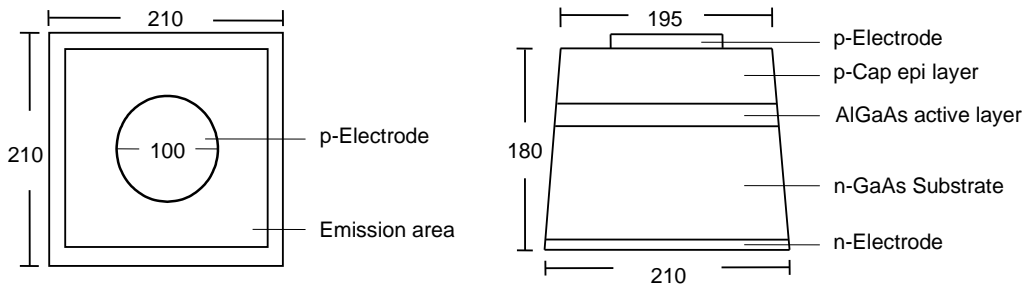
### ■ Features :

- Suitable for New Creative Products

### ■ Typical Applications :

- High Linearity Coupler

### ■ Outline Dimensions : (Unit: $\mu\text{m}$ )



### ■ Physical Structure :

Chip dimension	Chip size	210±25 $\mu\text{m}$ x 210±25 $\mu\text{m}$
	Thickness	180±25 $\mu\text{m}$
	Emission area	195±25 $\mu\text{m}$
	Bonding pad	100±10 $\mu\text{m}$
Electrode	Top: P (anode)	Gold
	Backside: N (cathode)	Gold alloy
Surface condition	Not frosted	

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

Parameter	Symbol	Condition	Min.	Typ.	Max.	Unit
Forward Voltage	$V_F$	$I_F = 20\text{mA}$	1.40	-	1.55	V
Reverse Current	$I_R$	$V_R = 10\text{V}$	-	-	5	$\mu\text{A}$
Radiant Power	$P_O$	$I_F = 20\text{mA}$	0.35	-	0.50	mW
Wavelength	$\lambda_P$	$I_F = 20\text{mA}$	950	-	990	nm
Spectral width at half height	$\Delta\lambda$	$I_F = 20\text{mA}$	-	65	-	nm