

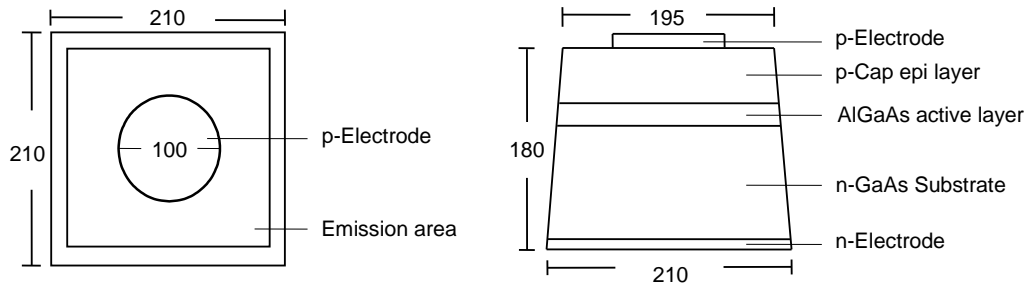
■ Features :

- Suitable for New Creative Products

■ Typical Applications :

- High Linearity Coupler

■ Outline Dimensions : (Unit: μm)



■ Physical Structure :

Chip dimension	Chip size	210±25 μm x 210±25 μm
	Thickness	180±25 μm
	Emission area	195±25 μm
	Bonding pad	100±10 μm
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	$I_F = 10\mu\text{A}$	1.00	-	1.15	V
		$I_F = 0.1\text{mA}$	1.10	-	1.25	
		$I_F = 10\text{mA}$	1.35	-	1.50	
		$I_F = 20\text{mA}$	1.40	-	1.55	
Reverse Current	I_R	$V_R = 10\text{V}$	-	-	5	μA
Radiant Power	P_O	$I_F = 20\text{mA}$	0.30	-	0.50	mW
Wavelength	λ_P	$I_F = 20\text{mA}$	950	-	990	nm
Spectral width at half height	$\Delta\lambda$	$I_F = 20\text{mA}$	-	65	-	nm