

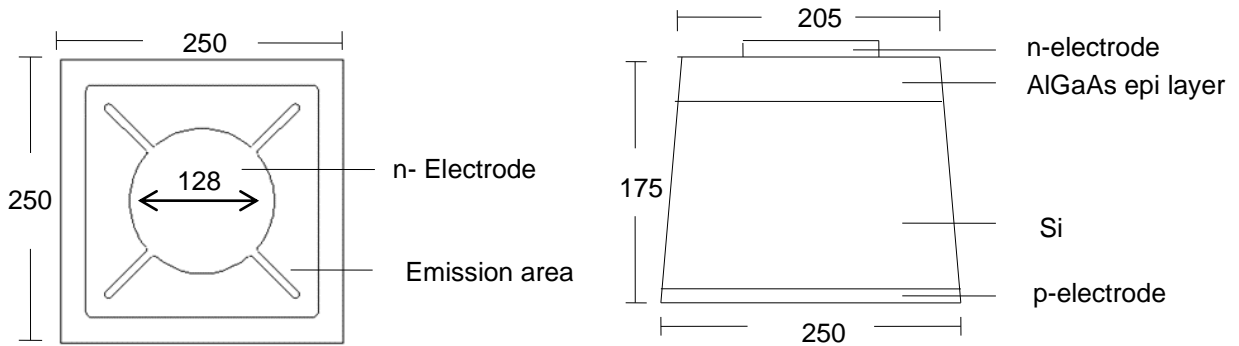
■ Features :

- Suitable for New Creative Products

■ Typical Applications :

- High linearity Coupler

■ Outline Dimensions : (Unit: μm)



■ Physical Structure :

Chip dimension	Chip size	250 x 250 μm
	Thickness	175 \pm 25 μm
	Emission area	205 μm
	Bonding pad	128 μm
Electrode	Top: N (cathode)	Gold
	Backside: P (anode)	Gold
Surface condition	Frosted	

*F

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

Parameter	Symbol	Condition	Min.	Typ.	Max.	Unit
Forward voltage	V_{FH}	$I_F = 50\text{mA}$	1.45	-	1.65	V
Reverse current	I_R	$V_R = 10\text{V}$	-	-	5	μA
Radiant Power	P_o	$I_F = 50\text{mA}$	4	-	6.5	mW
Wavelength	λ_P	$I_F = 50\text{mA}$	950	-	990	nm
Spectral width at half height	$\Delta\lambda$	$I_F = 50\text{mA}$	-	85	-	nm