

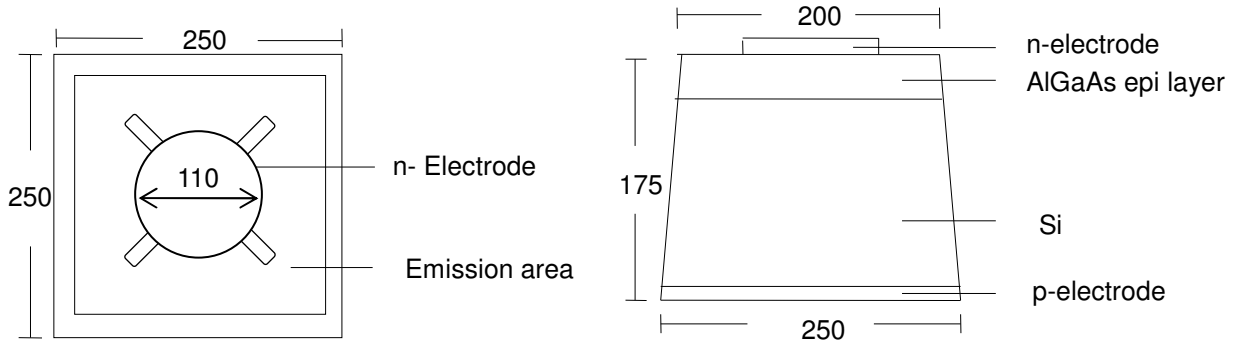
■ **Features :**

- Suitable for New Creative Products

■ **Typical Applications :**

- High linearity Coupler

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



■ **Physical Structure :**

Chip dimension	Chip size	250 x 250 $\mu\text{m}$
	Thickness	175 $\pm$ 25 $\mu\text{m}$
	Emission area	200 $\mu\text{m}$
	Bonding pad	110 $\mu\text{m}$
Electrode	Top: N (cathode)	Gold
	Backside: P (anode)	Gold
Surface condition	Frosted	

\*T2

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

Parameter	Symbol	Condition	Min.	Typ.	Max.	Unit
Forward voltage	$V_{FH}$	$I_F = 50\text{mA}$	1.5	-	1.7	V
Reverse current	$I_R$	$V_R = 10\text{V}$	-	-	1	$\mu\text{A}$
Radiant Power	$P_o$	$I_F = 50\text{mA}$	4	-	7	mW
Wavelength	$\lambda_P$	$I_F = 50\text{mA}$	950	-	990	nm
Spectral width at half height	$\Delta\lambda$	$I_F = 50\text{mA}$	-	50	-	nm