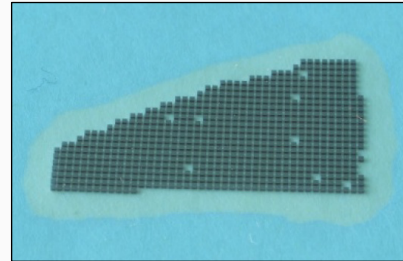




## ELC-800-25



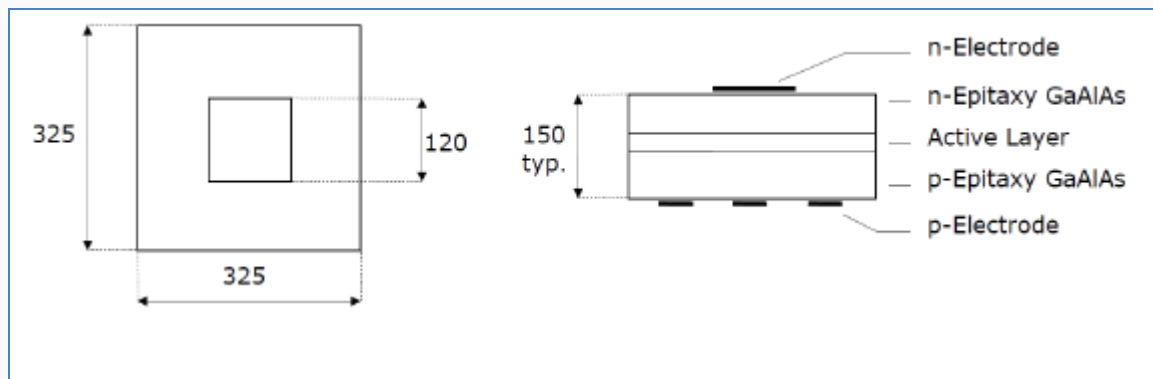
### Description

**ELC-800-25** is a GaAlAs based 325x325  $\mu\text{m}$  bare LED chip die. It is of double hetero structure in dual combination (DDH), and has a typical emission wavelength of 800 nm. It is delivered on adhesive film with the wire bond side up

### Characteristics ( $I_F=20\text{mA}$ , $T_{AMB}=25^\circ\text{C}$ )

Parameter	Symbol	Values			Unit
		Min.	Typ.	Max.	
Emission Wavelength	$\lambda_{\text{peak}}$	795	800	805	nm
Forward Voltage	$V_F$		1.60	1.9	V
Reverse Current ( $V_R=5\text{V}$ )	$I_R$			100	$\mu\text{A}$
Output Power	$P_O$	2.5	3.2		mW
Spectral bandwidth (FWHM)	$\lambda\Delta$		27		nm
Rise/Fall time	$t_R/t_F$		45/30		ns

### Drawing & Dimensions



All dimensions in  $\mu\text{m}$