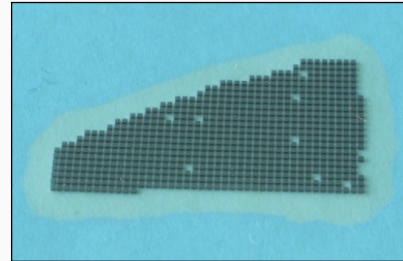




ELC-770-25



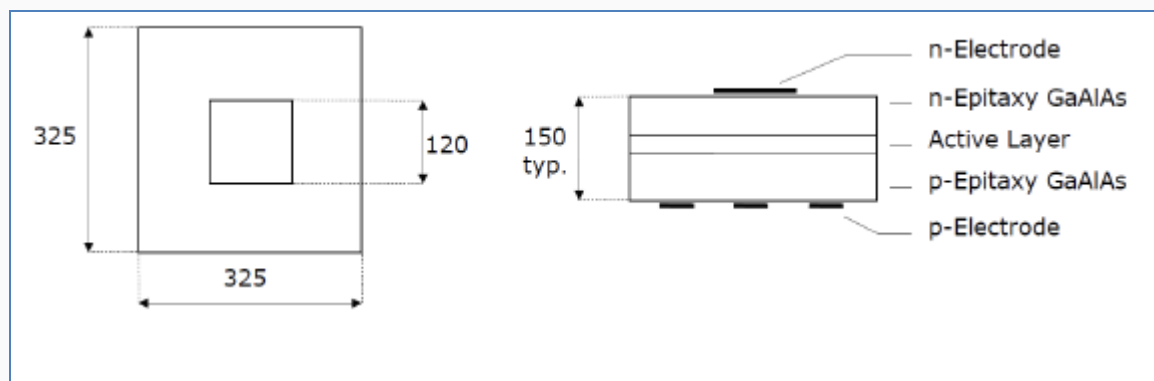
Description

ELC-770-25 is a GaAlAs based 325x325 μm bare LED chip die. It is of double hetero structure in dual combination (DDH), and has a typical emission wavelength of 770 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	λ_{peak}	760	770	780	nm
Forward Voltage	V_F		1.65	2.0	V
Reverse Current ($V_R=5\text{V}$)	I_R			100	μA
Output Power	P_O	2.0	2.7		mW
Spectral bandwidth (FWHM)	$\lambda\Delta$		16		nm
Rise/Fall time	t_R/t_F		40/30		ns

Drawing & Dimensions



All dimensions in μm