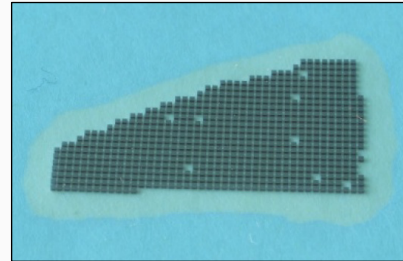




## ELC-880-27



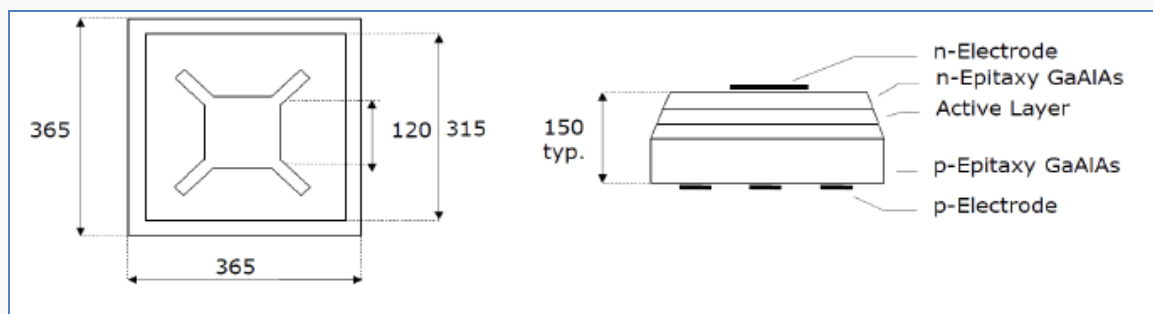
### Description

**ELC-880-27** is a GaAlAs based 365x365  $\mu\text{m}$  bare LED chip die. It is of double hetero structure in dual combination (DDH), and has a typical emission wavelength of 880 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	$\lambda_{\text{peak}}$	870	880	885	nm
Forward Voltage	$V_F$		1.40	1.55	V
Reverse Current ( $V_R=5\text{V}$ )	$I_R$			100	$\mu\text{A}$
Output Power	$P_O$	3.5	4.5		mW
Spectral bandwidth (FWHM)	$\lambda\Delta$		27		nm
Rise/Fall time	$t_R/t_F$		45		ns

### Drawing & Dimensions



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