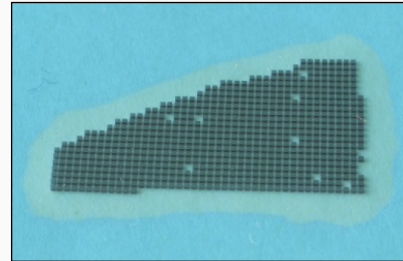




ELC-610-14



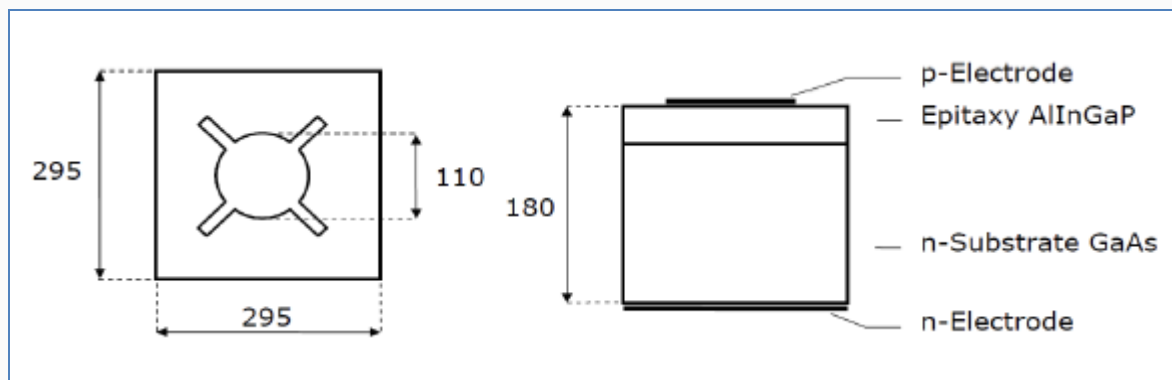
Description

ELC-610-14 is a AlInGaP based 295x295 μm bare LED chip die on GaAs substrate. It has a typical emission wavelength of 610 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	Min.	Values		Unit
			Typ.	Max.	
Emission Wavelength	λ_{peak}	605	610	615	nm
Forward Voltage	V_F		1.95	2.3	V
Reverse Current ($V_R=5\text{V}$)	I_R			10	μA
Luminous Intensity	I_V	150	200		mcd
Spectral bandwidth (FWHM)	$\lambda\Delta$		16		nm

Drawing & Dimensions



All dimensions in μm