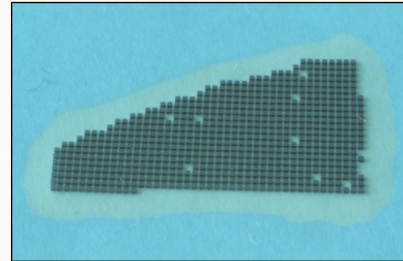




ELC-970-17



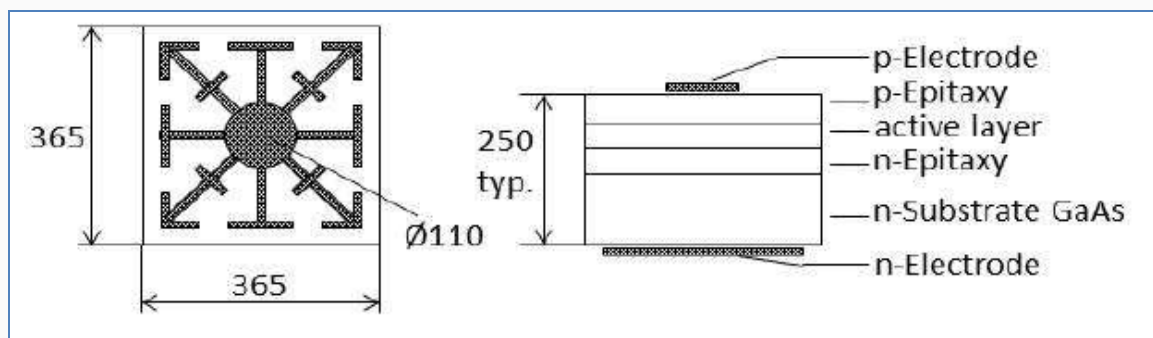
Description

ELC-970-17 is a GaAlAs based Multiple Quantum Well (MQW) 365x365 μm bare LED chip die on GaAs substrate. It has a typical emission wavelength of 970 nm, and 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}		970		nm
Forward Voltage	V_F		1.25	1.45	V
Reverse Current ($V_R=5\text{V}$)	I_R			10	μA
Output Power	P_O		2.0		mW
Spectral bandwidth (FWHM)	$\lambda\Delta$		35		nm
Rise/Fall time	t_R/t_F		15/20		ns

Drawing & Dimensions



All dimensions in μm