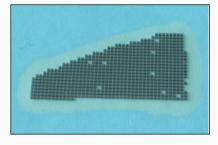
## ELC-970-17

v 1.0 12.06.2013

1





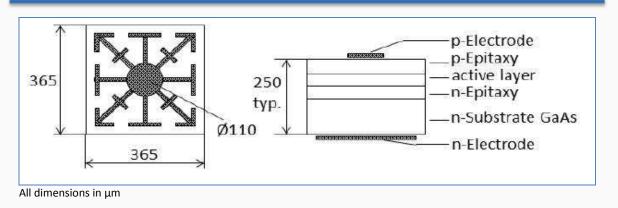
## Description

**ELC-970-17** is a GaAlAs based Multiple Quantum Well (MQW)  $365x365 \mu m$  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<sub>F</sub>=20mA, T<sub>AMB</sub>=25°C)

Parameter	Symbol	Values			Unit
		Min.	Тур.	Max.	Onit
Emission Wavelength	$\lambda_{peak}$		970		nm
Forward Voltage	$V_{F}$		1.25	1.45	V
Reverse Current (V <sub>R</sub> =5V)	$I_{R}$			10	μΑ
Output Power	Po		2.0		mW
Spectral bandwidth (FWHM)	$\lambda\Delta$		35		nm
Rise/Fall time	$t_R/t_F$		15/20		ns

## **Drawing & Dimensions**



© All Rights Reserved

The above specifications are for reference purpose only and subjected to change without prior notice

www.roithner-laser.com