

EPIGAP Optronik GmbH

Koepenicker Str. 325b
D-12555 Berlin
Fon: +49 (0)30 657637 60
Fax: +49 (0)30 657637 70
sales@epigap-optronic.de



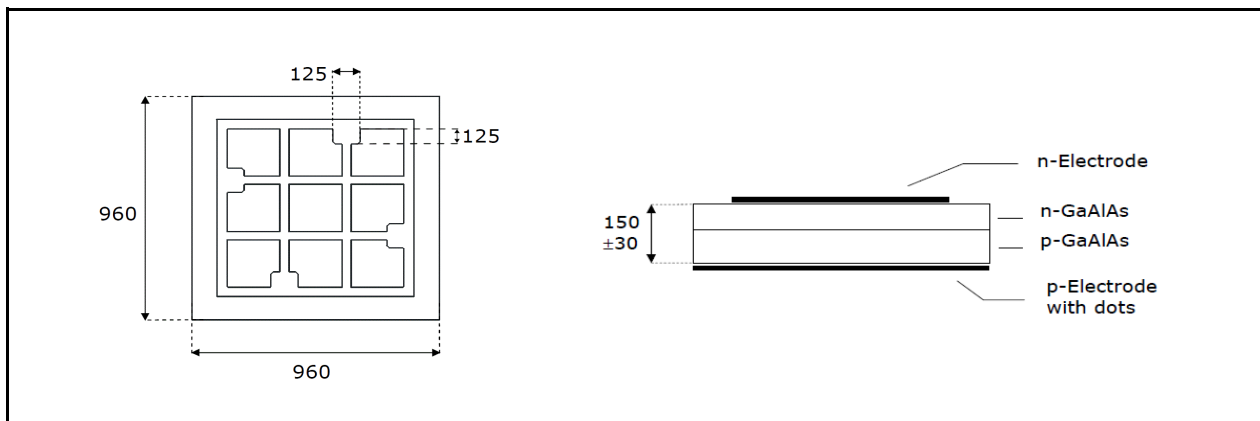
Data Sheet

LED Chip deep red

EOLC-670-21

Rev. 03, 2017

Radiation	Type	Electrodes
deep red	AlGaAs / AlGaAs, DDH	N (cathode) up



Optical and Electrical Characteristics

T_{amb} = 25°C, unless otherwise specified

Parameter	Test cond.	Symbol	Min	Typ	Max	Unit
Forward voltage	I _F =100 mA	V _F		1.8	1.95	V
Forward voltage	I _F =350 mA	V _F		1.95	2.2	V
Reverse current	V _R =5 V	I _R			100	μA
Radiant power*	I _F =100 mA	Φ _e	6	8		mW
Peak wavelength	I _F =100 mA	λ _p	660	670	680	nm
FWHM	I _F =100 mA	Δλ _{0.5}		23		nm
Switching times	I _F =100 mA	t _r , t _f		50; 35		ns

*Measured on bare chip on TO-39 header

Packing

Chips on adhesive film with wire bond side up

Art. No. 112 024



We reserve the right to make changes to improve technical design and may do so without further notice. Parameters can vary in different applications. All operating parameters must be validated for each customer application by the customer.