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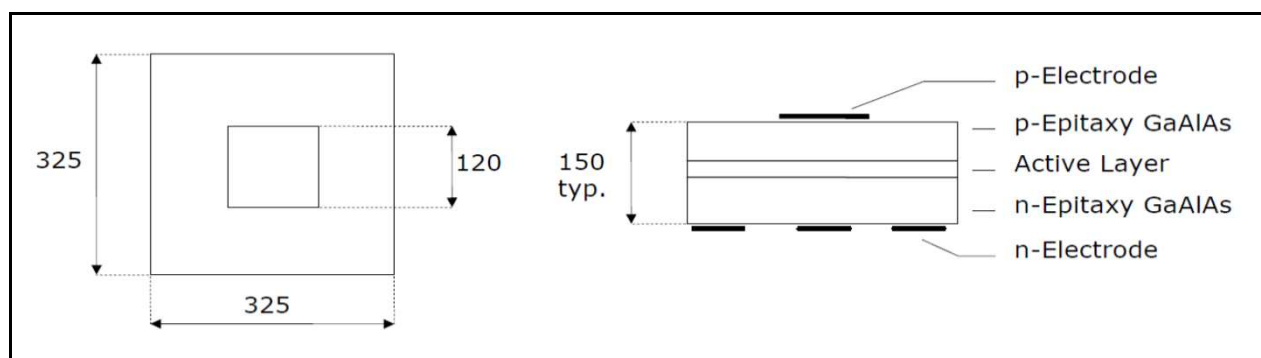
Data Sheet

LED Chip Infrared

EOLC-710-15

Rev. 01, 2016

Radiation	Type	Electrodes
Infrared	AlGaAs/AlGaAs, DHS	P (anode) up



Optical and Electrical Characteristics

$T_{amb} = 25^{\circ}\text{C}$, unless otherwise specified

Parameter	Test cond.	Symbol	Min	Typ	Max	Unit
Forward voltage	$I_F = 20 \text{ mA}$	V_F		1.75	2	V
Reverse voltage	$I_R = 10 \text{ µA}$	V_R	5			V
Output power*	$I_F = 20 \text{ mA}$	Φ_e	2.5	3.5		mW
Peak wavelength	$I_F = 20 \text{ mA}$	λ_p	700	710	720	nm
FWHM	$I_F = 20 \text{ mA}$	$\Delta\lambda_{0.5}$		26		nm
Switching time	$I_F = 20 \text{ mA}$	t_r, t_f		30; 15		ns

*Power measurement on gold plate

Labeling

Type	Lot N°	Φ_e (typ) [mW]	Qty.
EOLC-710-15			

Packing

Chips on adhesive film with wire bond side up

Art. No. xxx xxx



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.