

EPIGAP Optronic GmbH

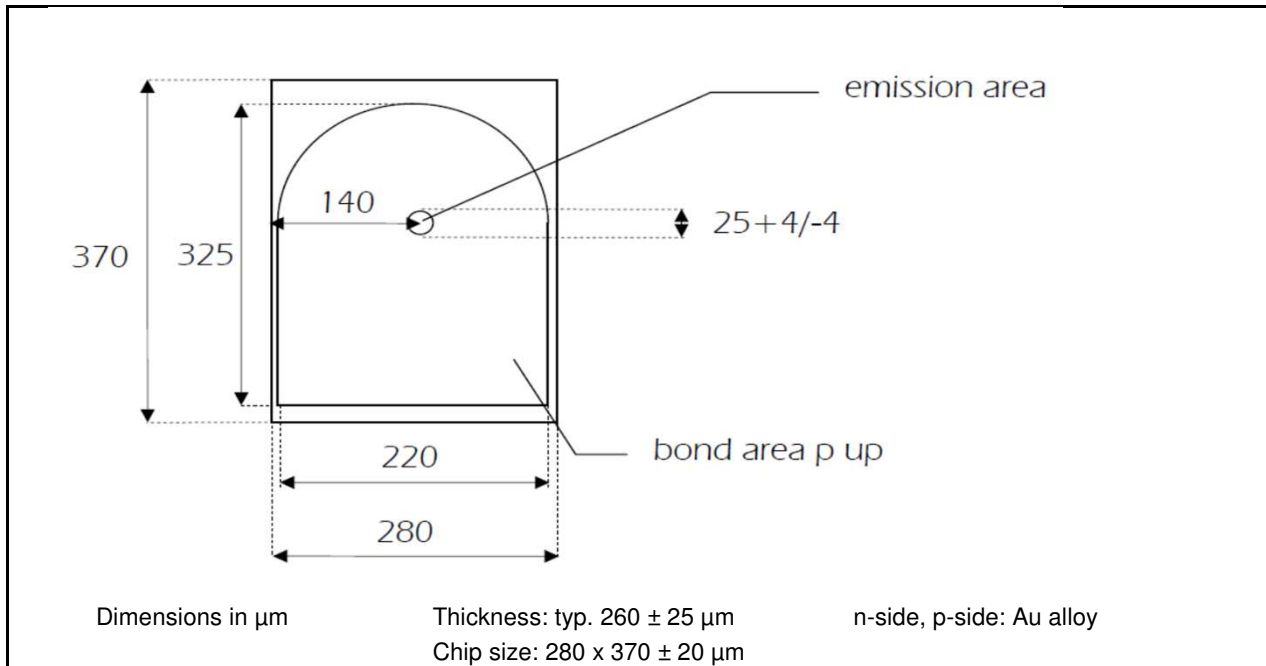
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LED Chip Red Point Source EOLC-625-19-10 Ø25

Rev. 04, 2017

Radiation	Type	Electrodes
red	AllnGaP/GaAs	P (anode) up



Absolute Maximum Ratings

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

Parameter	Symbol	Rating	Unit
Forward current	I_F	10	mA
Reverse voltage	V_R	5	V

Optical and Electrical Characteristics*

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

Parameter	Test cond.	Symbol	Min	Typ	Max	Unit
Forward voltage	$I_F = 5 \text{ mA}$	V_F		2.15	2.5	V
Reverse current	$V_R = 5 \text{ V}$	I_R			100	μA
Luminous intensity*	$I_F = 0.1 \text{ mA}$	I_V		100		μcd
Luminous intensity*	$I_F = 5 \text{ mA}$	I_V	5	7.5		mcd
Dominant wavelength	$I_F = 5 \text{ mA}$	λ_D	618	625	631	nm

*Measured on bare chip on TO-18 header

Packing

Dice on adhesive film with wire bond side on top

Art. No. 114 009



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.