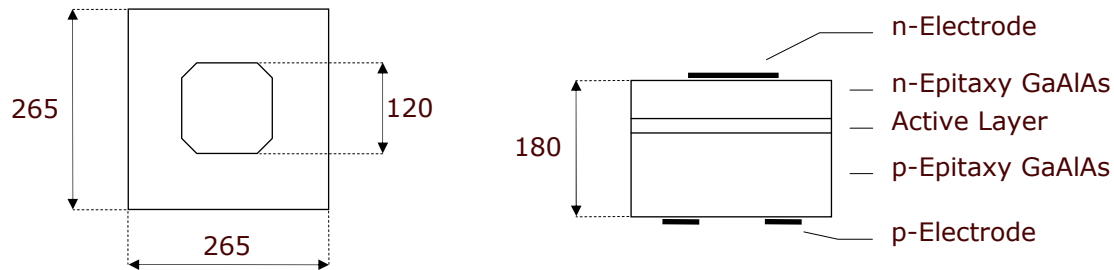


**RED**

**Item No.: 115180**

1. This specification applies to GaAIAs / GaAIAs LED Chips (substrate removed)
2. Structure
  - 2.1 Mesa structure
  - 2.2 Electrodes
 

p-side (anode)	Au alloy
n-side (cathode)	Au alloy
3. Outlines (dimensions in microns)



Wire bond contacts can also be circular or square

4. Electrical and optical characteristics (T=25°C)

Parameter	Symbol	Conditions	min	typ	max	Unit
Forward voltage	$V_F$	$I_F = 20 \text{ mA}$		1,90	2,30	V
Reverse current	$I_R$	$V_R = 5 \text{ V}$			10	$\mu\text{A}$
Luminous intensity *	$I_V$	$I_F = 20 \text{ mA}$	22	28		mcd
Peak wavelength	$\lambda_p$	$I_F = 20 \text{ mA}$		655		nm

Brightness measurement at OSA on gold plate

5. Packing
  - Dice on adhesive film with 1) wire bond side on top
  - 2) back contact on top

6. Labeling

Type	Lot No.	I <sub>v</sub> typ	Quantity
		min	
		max	