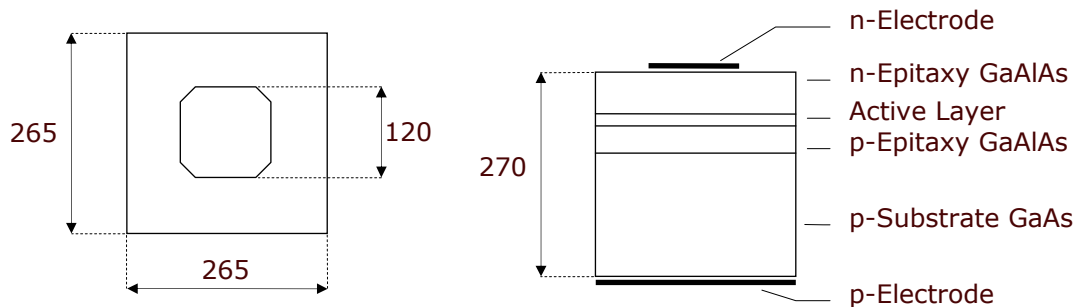


RED

Item No.: 114110

1. This specification applies to GaAlAs / GaAs LED Chips
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	$I_F = 20 \text{ mA}$		1,85	2,10	V
Reverse current	I_R	$V_R = 5 \text{ V}$			10	μA
Luminous intensity *	I_V	$I_F = 20 \text{ mA}$	5,5	7		mcd
Peak wavelength	λ_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_V typ	Quantity
		min	
		max	