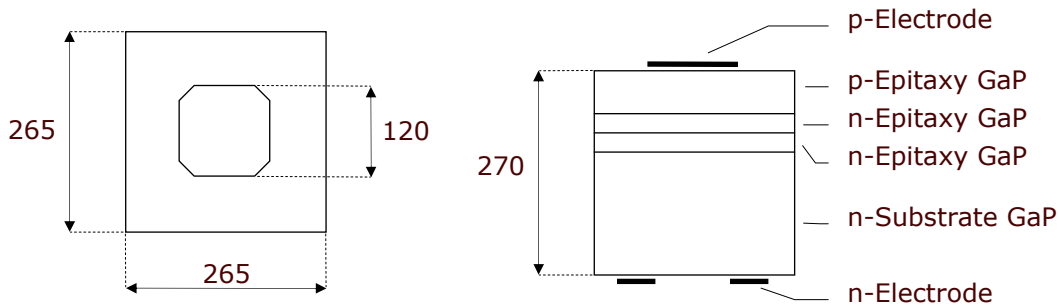


YELLOW-GREEN	Item No.: 160220
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1. This specification applies to GaP / GaP LED Chips
2. Structure
 - 2.1 Mesa structure
 - 2.2 Electrodes

	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)

<i>Parameter</i>	<i>Symbol</i>	<i>Conditions</i>	<i>min</i>	<i>typ</i>	<i>max</i>	<i>Unit</i>
Forward voltage	V_F	$I_F = 20 \text{ mA}$		2,25	2,50	V
Reverse current	I_R	$V_R = 5 \text{ V}$			10	μA
Luminous intensity *	I_V	$I_F = 20 \text{ mA}$	4,5	8,0		mcd
Peak wavelength	λ_P	$I_F = 20 \text{ mA}$		568		nm

* On request, wafers will be delivered according to luminous intensity classes
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	