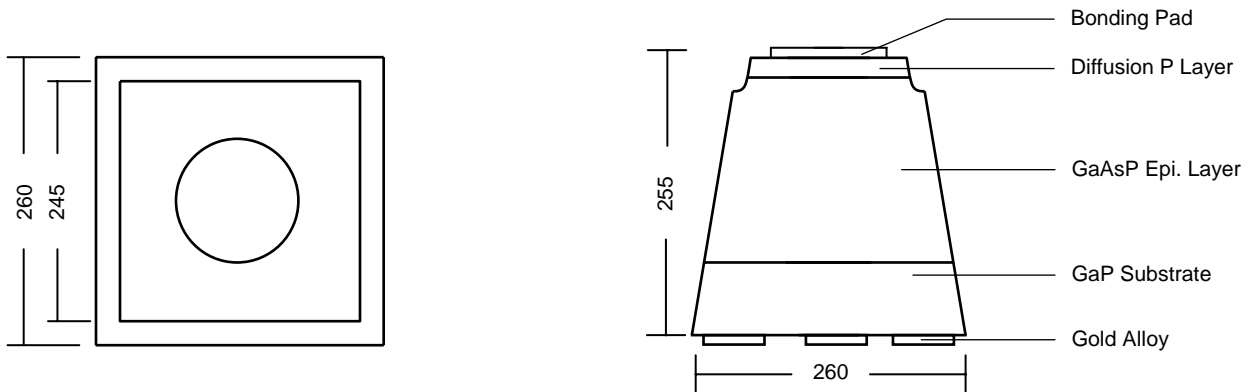


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Three Five (III-V)
 Compounds, Inc.

TC011HOV

❖ Outline Dimensions:



❖ Physical Structure:

Chip dimensions		Chip size	11 mil x 11 mil	260 μm x 260 μm
		Thickness	10 mil	255 μm
		Emission area	9.6 mil	245 μm
Electrode	Top	P (anode)	Aluminium (Gold optional)	
	Backside	N (cathode)	Gold alloy	
Surface condition		Not frosted		

❖ Electro-Optical Characteristics:

Parameter	Symbol	Condition	Min.	Typ.	Max.	Unit
Forward Voltage	V_F	$I_F = 20\text{mA}$	-	2.00	2.60	V
Reverse Current	I_R	$V_R = 5\text{V}$	-	-	10	μA
Wavelength	λ_p	$I_F = 20\text{mA}$	-	632	-	nm
	Hue	$I_F = 20\text{mA}$	-	620	-	
Spectral Width at Half Height	$\Delta\lambda$	$I_F = 20\text{mA}$	-	35	-	nm
Reverse Voltage	V_R	$I_R = 10\mu\text{A}$	5	-	-	V
Luminous Intensity	I_v	$I_F = 20\text{mA}$	8.0	-	-	mcd