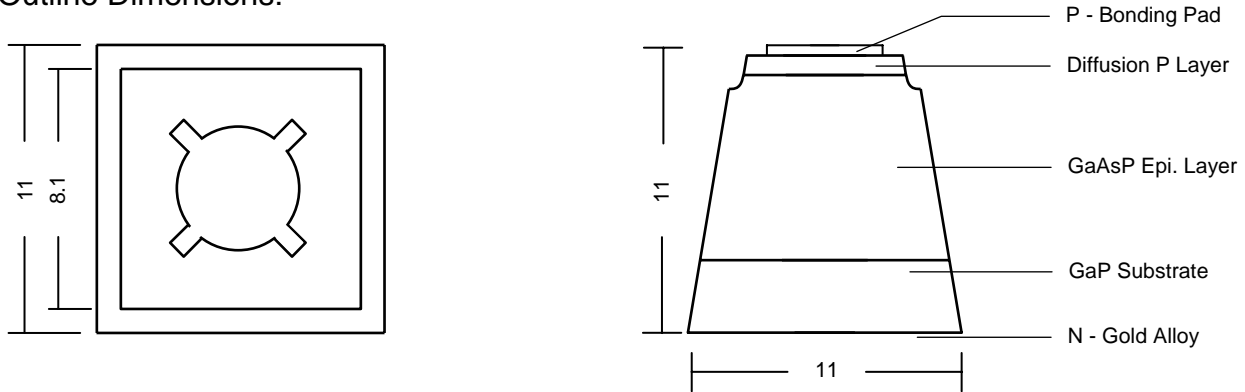


# TCT11HO



GaAsP

❖ Outline Dimensions:



❖ Physical Structure:

Chip dimensions		Chip size	11 mil x 11 mil	280 $\mu\text{m}$ x 280 $\mu\text{m}$
		Thickness	11 mil	280 $\mu\text{m}$
		Emission area	8.1 mil	205 $\mu\text{m}$
Electrode	Top	P (anode)	Aluminium (Gold optional)	
	Backside	N (cathode)	Gold alloy	

❖ Electro-Optical Characteristics:

Parameter	Symbol	Condition	Min.	Typ.	Max.	Unit	
Forward Voltage	$V_F$	$I_F = 20\text{mA}$	-	2.10	2.50	V	
Reverse Current	$I_R$	$V_R = 5\text{V}$	-	-	10	$\mu\text{A}$	
Wavelength	$\lambda_P$	$I_F = 20\text{mA}$	-	620	-	nm	
	Hue	$I_F = 20\text{mA}$	-	607	-		
Spectral Width at Half Height	$\Delta\lambda$	$I_F = 20\text{mA}$	-	35	-	nm	
Luminous Intensity	$I_V$	C	$I_F = 20\text{mA}$	-	7	-	mcd
		D		9			
		E		11			

❖ Note. Also available:

Chip size		Luminous Intensity
mils	$\mu\text{m}$	mcd
9	210 x 210	7, 9, 11

ORANGE