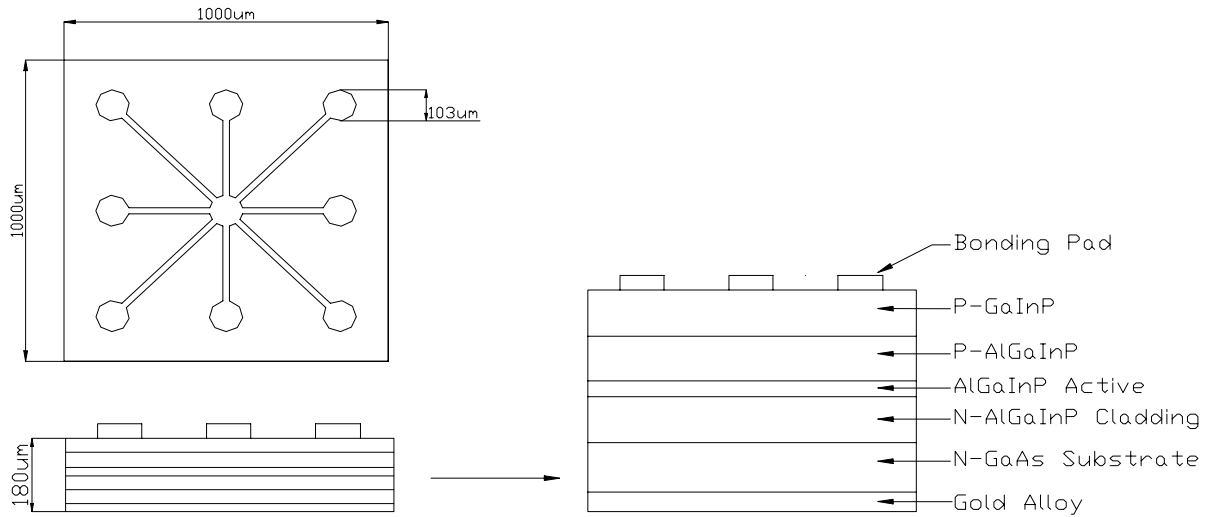


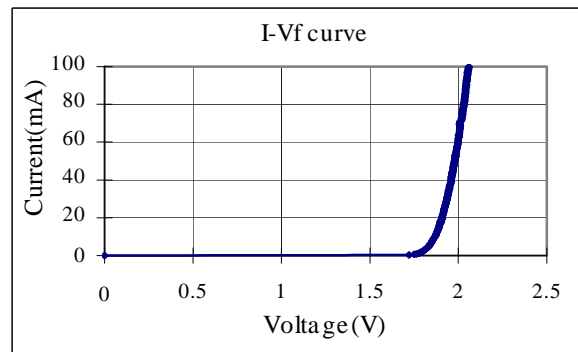
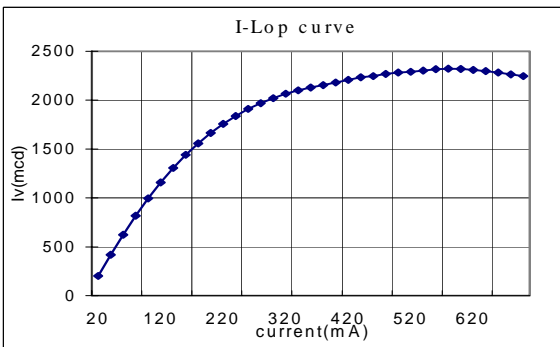
# TCBC40URU

- ❖ Features:
  - MOVPE ultrabright LED designed for high performance and high efficiency.
  - Ideal for both indoor and outdoor high power applications.

- ❖ Outline Dimensions:



- ❖ Iop curve for chip



- ❖ Electro-Optical Characteristics:

Parameter	Symbol	Condition	Min.	Typ.	Max.	Unit
Forward Voltage	$V_F$	$I_F = 20\text{mA}$	1.80	1.85	2.25	V
Wavelength	$\lambda_D$	$I_F = 20\text{mA}$	-	633	-	nm
Leakage current	$I_r$	$V_r = 5\text{V}$	-	-	10	$\mu\text{A}$
Reverse Voltage	$V_R$	$I_R = 10\mu\text{A}$	10	-	-	V
Luminous Intensity	$I_V$	$I_F = 20\text{mA}$	-	160	-	mcd