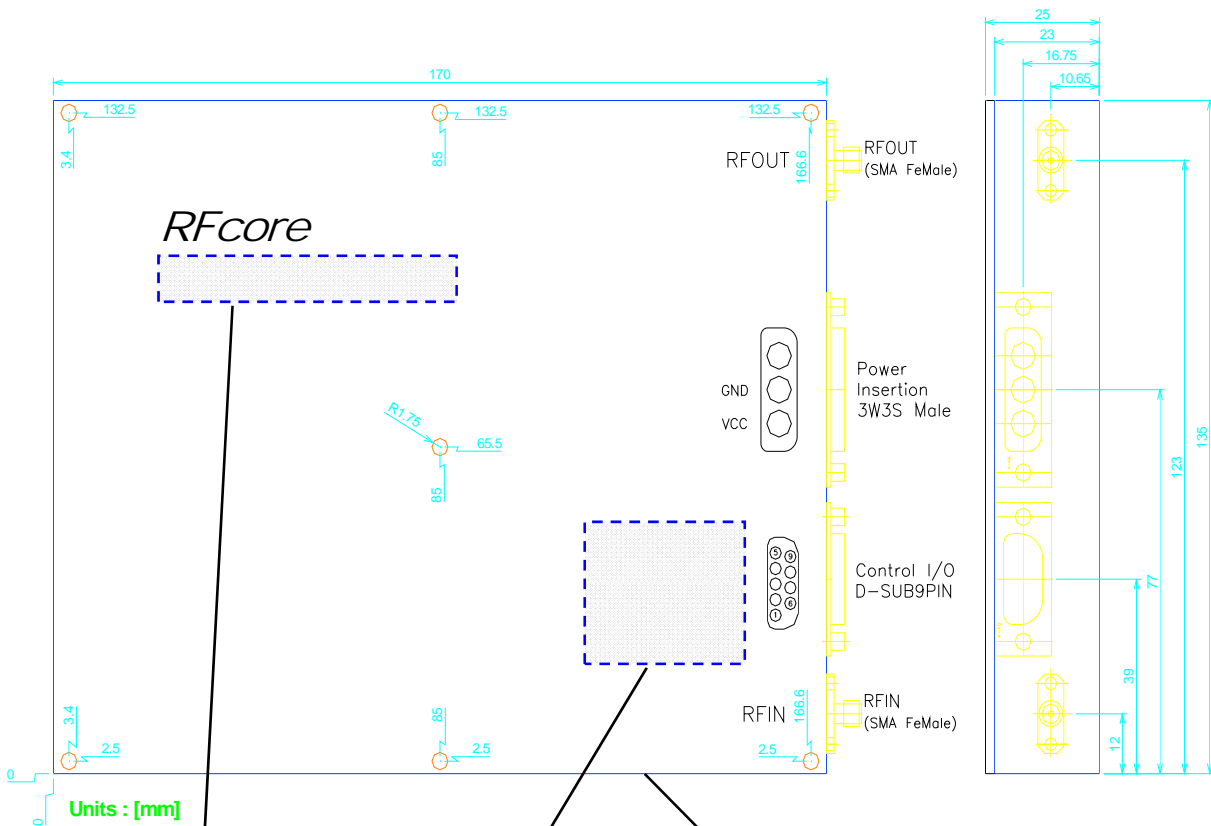


Model Name : RCA2400H50CW

Parameter	Specification	Remark
Frequency Range	2400 to 2500 MHz	
Power Output (Psat)	50dBm(100W)	CW operation
Gain	45 ± 0.5 dB	small signal gain (input = -15dBm)
Gain Flatness	Peak to Peak 2dB	small signal gain (input = -15dBm),
Gain Stability	± 1.0dB	About Temp.
In/Out VSWR	Less than 1.5:1	
DC Input(3W3S)	27 ± 1 VDC	
DC Current	12A Max. , 11A typical	@ 100 W output
SIZE	170 * 135 * 25 mm	
Operation Temperature	-20℃ ~ +60℃	
RF I/O Connectors	1. RF OUT : SMA Female	
	2. RF IN : SMA Female	

I/O Map (D-Sub 9 PIN F)	1. GND
	2. Do not connect
	3. VSWR fail alarm & shut down * Shut down start level : over reflect power 20W (Current setting is 25 ~ 50W)
	4. Temperature monitor VT= 3.6 -0.022 *(T-30)
	5. Over temp alarm & shutdown (high 5V @ case temperature 85℃ ±7℃) Auto Restart (@ case temperature 65℃ ±7℃)
	6. Enable (active low)
	7. Do not connect
	8. Forward power monitor (4V ±0.1V @ 50dBm) * Detector is AD8362 (real power detector) ** Power monitor range (1V ~ 4V)
	9. Reflected power monitor •The amplifier shutdown when this voltage reach 1.4V +/- 0.1 V

Mechanical drawings



Model Number Pin description Serial Number Label(side)