

# Specification for 800-1000MHz 4W Amplifier

Model Name : RCA08-10H36A

Parameter	Specification	Remark
Frequency Range	800 ~ 1000 MHz	
Power Output (Average)	Psat 36 dBm (CW)	
Gain	28 ± 1 dB	
Gain Flatness	Peak to Peak 2dB	Over Freq Band
In VSWR	Less than 1.5:1	
DC Current	600mA max	IDQ(+27V) : 70mA Typ
SIZE (W*D*H mm)	65 * 55 * 20 mm	
In/Out Connector	In/Out : SMA Female	
Operation Temperature	-20℃ ~ +60℃	
I/O Map	1. GND	
(Molex 5268 6Pin)	2. DC +5V (200mV Max.)	
	3. DC +28V (600mV Max.)	
	4. Enable(Open or High(DC +5V))	pulled-up with 10 kohm
	5. Reflection Power Detection	
	6. Forward Power Detection	

# Mechanical Drawing

Model Name : RCA08-10H36A

Dimension (W x D x H) : 65(W) x 55(D) x 20(H)mm

