

Specification for 1.5-30MHz 200W Amplifier

Model Name : RCA0001003H53A

Parameter	Specification	Remark
Frequency Range	1.5 to 30 MHz	
Power Output Psat	TYP. 200W	@Pin=5dBm, CW
Power Output P1dB	> 50dBm	CW
Nominal Gain	53 ± 2 dB	Over Temp.
Flatness	± 2.5 dB	
Maximum Output load condition	5 : 1	Survival condition
In VSWR	< 2:1	
DC Input	27 ± 0.5 VDC (3W3 D-sub connector)	
DC Current	< 28A	
In/Out Connector	In : SMA Female Out: N-TYPE Female	
SIZE	266 x 177 x 40 mm	
Operation Temperature	-10℃ ~ +60℃	@ Base Plate
Storage Temperature	-40℃ ~ +100℃	
DC Connector	3W3 D-sub connector	
I/O	RF OUT	N-TYPE_F
	RF IN	SMA_F
	Enable : TTL LOW	EMI Feed Thru PIN
	Current Sensor (High 5V @ Upper 28A)	EMI Feed Thru PIN
	Over Temp Alarm (High 5V @ +85℃ ± 5 ℃)	EMI Feed Thru PIN

Mechanical Drawing

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Dimension (W x D x H) : 266(W) x 177(D) x 40(H)mm

