

25W 8-18GHz Power Amplifier

Frequency Range	8-18GHz
Input Signal Type	CW&Pulsed
Input Pulse Width Range	50ns to CW
RF Input Drive	0-3dBm
Saturated Output Power	44±1dBm
Flatness @Psat	±2dB Max
Gain Flatness	<3dB
Second Harmonics @Max. Power	>10dBc
Non-Harmonics Spurious @Max. Power	>60dBc
Protection	Reverse Polarity Protection
	Over temperature protection (Temperature Over 85°C, amplifier power off; Temperature below 65°C, amplifier power on)
	Overvoltage and undervoltage protection (voltage Over 36V&below 24V, amplifier power off)
	Overcurrent protection (amplifier power current over 10A, amplifier power off)
Monitoring	Temperature, Current
Output VSWR	<1.5:1
Input VSWR	<1.5:1
Input/output Impedances	50ohm
Power ON/OFF Time	<10us
Power ON/OFF TTL	0/3.3V (Power on: 3.3V, Power off: 0V; Default value: 3.3V)
Operating Voltage	28V/5A
Dimensions	Max:120±0.5mm×80±0.5mm×20±0.5mm
Weight	≤1kg
Operating Temperature	-40°C to +60°C
Communication Model	RS485 serial communication

