

0.1-20GHz Power Amplifier

Main Technology Parameter

- 1) Operating Frequency: 0.1GHz~20GHz;
- 2) RF Gain: $\geq 24\text{dB}$;
- 3) Gain flatness: $\leq \pm 2\text{dB}$;
- 4) Noise Figure: $\leq 5\text{dB}$ (0.1GHz-0.5GHz) ;
 $\leq 4\text{dB}$ (0.5GHz-20GHz) ;
- 5) Input/Output VSWR: $\leq 1.8: 1$;
- 6) Spurious: $\geq 60\text{dBc}$;
- 7) 1dB Compression Point: $\geq 17\text{dBm}$;
- 8) I/O Impedance: 50Ω ;
- 9) Input/Output Connectors: SMA (F) ;
- 10) Voltage: +15VDC;
- 11) Power Dissipation: $\leq 3\text{W}$;
- 12) Dimensions: 30mm*25mm*15mm:

