成都巨人微波
TITAN MICROWAVE INC.
- A Professional RF & Microwave Components Supplier -

Power Amplifier

TMPA-01002000-4016 1-20 GHz, 40dB, Psat 16dBm, 2.92mm female

FEATURES

- Small Signal Gain 40dB Minimum
- Supply Voltage +8V
- Wide Bandwidth
- Low Power Consumption

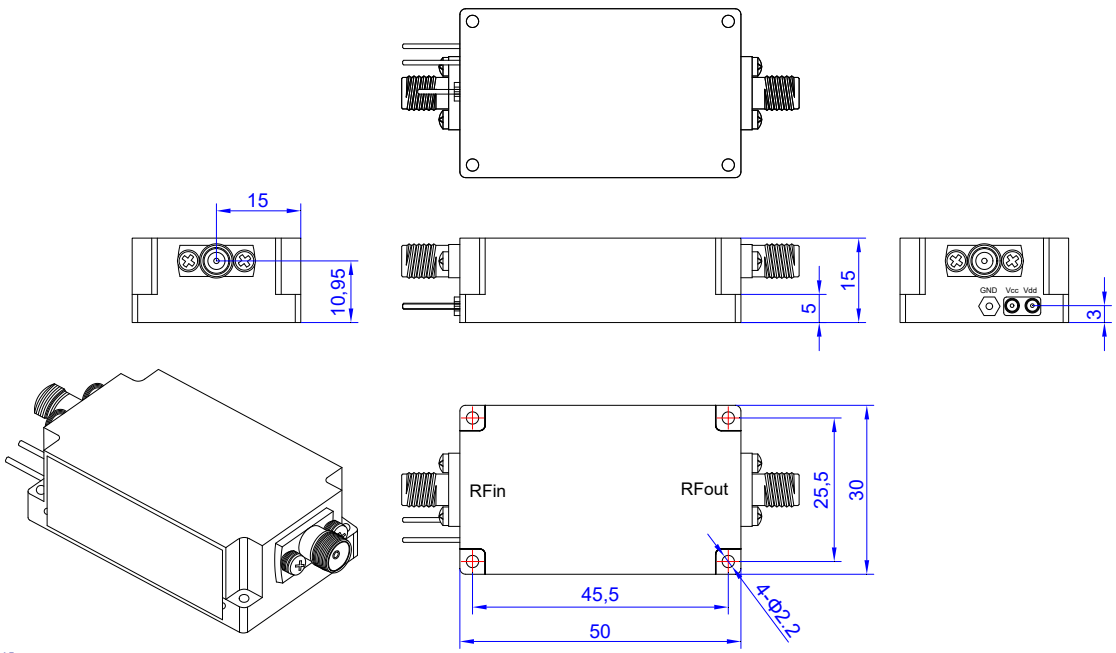
APPLICATIONS

- Wireless Infrastructure
- 5G Communication
- Test and Measurement Instrument
- Radar and Receivers Systems

SPECIFICATIONS

Parameters	Min.	Typ.	Max.	Units
Frequency Range	1	-	20	GHz
Impedance	-	50	-	Ohms
Small Signal Gain	40	-	-	dB
Saturated Output Power(Psat)	+16	-	-	dBm
RF Input Power	-	-	-10	dBm
Spurious	-	-	-60	dBc
Harmonics	-	-15	-	dBc
Input/Output VSWR	-	2.0	-	:1
DC Power Supply	-	+8	-	V
Operating Temperature	-20	-	+60	℃
Storage Temperature	-40	-	+85	℃
Relative Humidity(non-condensing)	-	95	-	%
Altitude(MIL-STD-810F)	-	-	-	Feet
Shock/Vibration(MIL-STD-810F)	-	Airbone	-	-
Input/Output Connectors	2.92mm-Female			
Weight	200g			
Dimension	50×30×15mm			
Material	Aluminum			

Outline Drawing [mm]



Tolerances ±0.25[0.01]