

TMPA-00500600-3537 0.5-6.0 GHz, 35dB, P1dB 37dBm, SMA female

FEATURES

- ❖ Small Signal Gain 35dB Minimum
- ❖ Supply Voltage +48V
- ❖ Wide Bandwidth
- ❖ Low Power Consumption

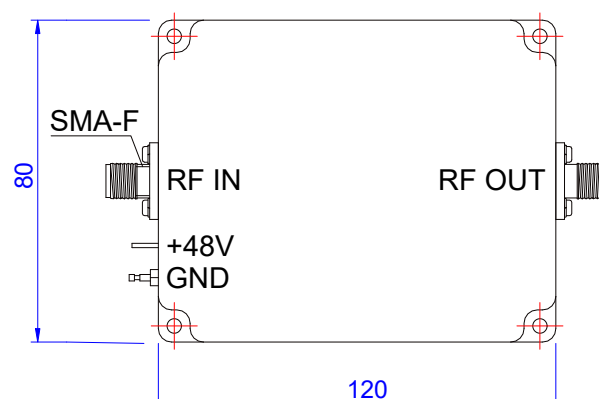
APPLICATIONS

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

SPECIFICATIONS

Parameters	Min.	Typ.	Max.	Units
Frequency Range	0.5	-	6	GHz
Impedance	-	50	-	Ohms
Small Signal Gain	35	-	-	dB
Gain Flatness	-	+2.5	-	dB
Output 1dB Compression Point(P1dB)	-	37	-	dBm
RF Input Power	-	0	+10	dBm
Input/Output VSWR	-	2.0	-	:1
Spurious	-	-60	-	dBc
Harmonics	-	-15	-	dBc
DC Power Supply	-	+48	-	V
Supply Current	-	0.8	-	A
Operating Temperature	-20	-	+60	°C
Storage Temperature	-40	-	+85	°C
Relative Humidity(non-condensing)	-	95	-	%
Altitude(MIL-STD-810F)	10000	-	30000	Feet
Shock/Vibration(MIL-STD-810F)	-	Airbone	-	-
Input/Output Connectors	SMA-Female			
Weight	200g			
Dimension	120×80×30mm			
Material	Aluminum			

Outline Drawing [mm]



Tolerances ±0.25[0.01]