

TMPA-30004000-3031 30-40 GHz, 30dB, Psat 31dBm, 2.92mm female

FEATURES

- ❖ Small Signal Gain 30dB Minimum
- ❖ Supply Voltage +12V
- ❖ Wide Bandwidth
- ❖ Low Power Consumption

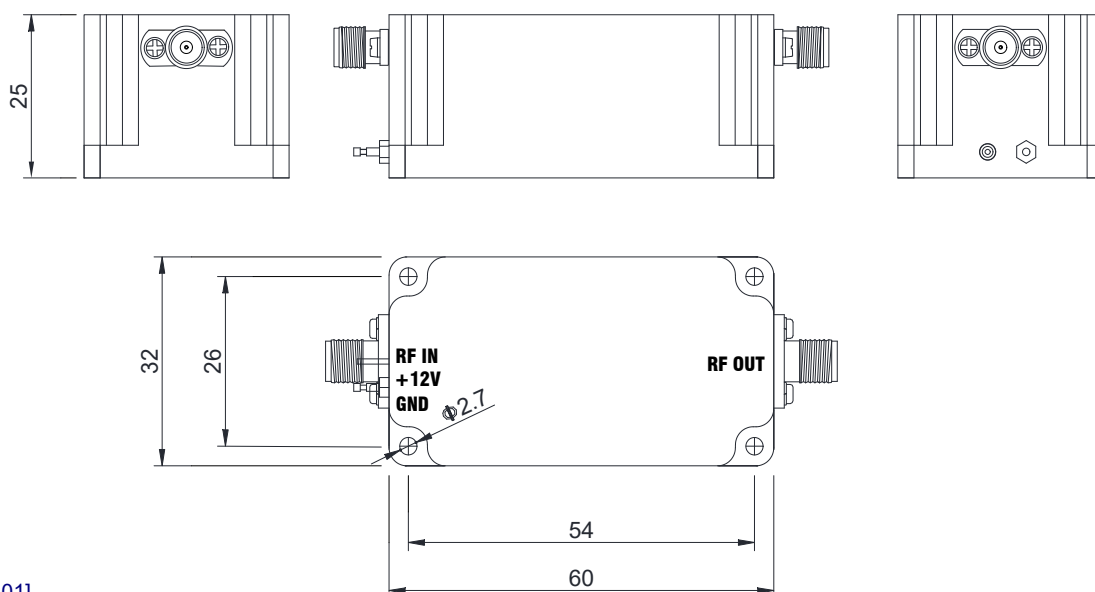
APPLICATIONS

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

SPECIFICATIONS

Parameters	Min.	Typ.	Max.	Units
Frequency Range	30	-	40	GHz
Impedance	-	50	-	Ohms
Small Signal Gain	30	-	-	dB
Gain Flatness	-	-	±4.0	dB
Saturated Output Power(Psat)	31	-	-	dBm
Input/Output VSWR	-	-	2.0	:1
IP3	-	38	-	dBm
Spurious	-	-60	-	dBc
Noise Figure	-	-	6.0	dB
DC Power Supply	-	12	-	V
Supply Current	-	500	-	mA
Operating Temperature	-20	-	+55	°C
Storage Temperature	-40	-	+70	°C
Relative Humidity(non-condensing)	-	95	-	%
Altitude(MIL-STD-810F)	10000	-	30000	Feet
Shock/Vibration(MIL-STD-810F)	-	Airbone	-	-
Input/Output Connectors	2.92mm-Female			
Weight	200g			
Dimension	60×32×25mm			
Material	Aluminum			

Outline Drawing [mm[inch]]



Tolerances ±0.25[0.01]