

TMPA-18004000-4031 18-40 GHz, Gain 40dB, Psat 31dBm, 2.92mm female

FEATURES

- ❖ Gain 40dB Typical
- ❖ Saturated Output Power +31dBm Typical
- ❖ P1dB Output Power +29dBm Typical
- ❖ Supply Voltage +24V

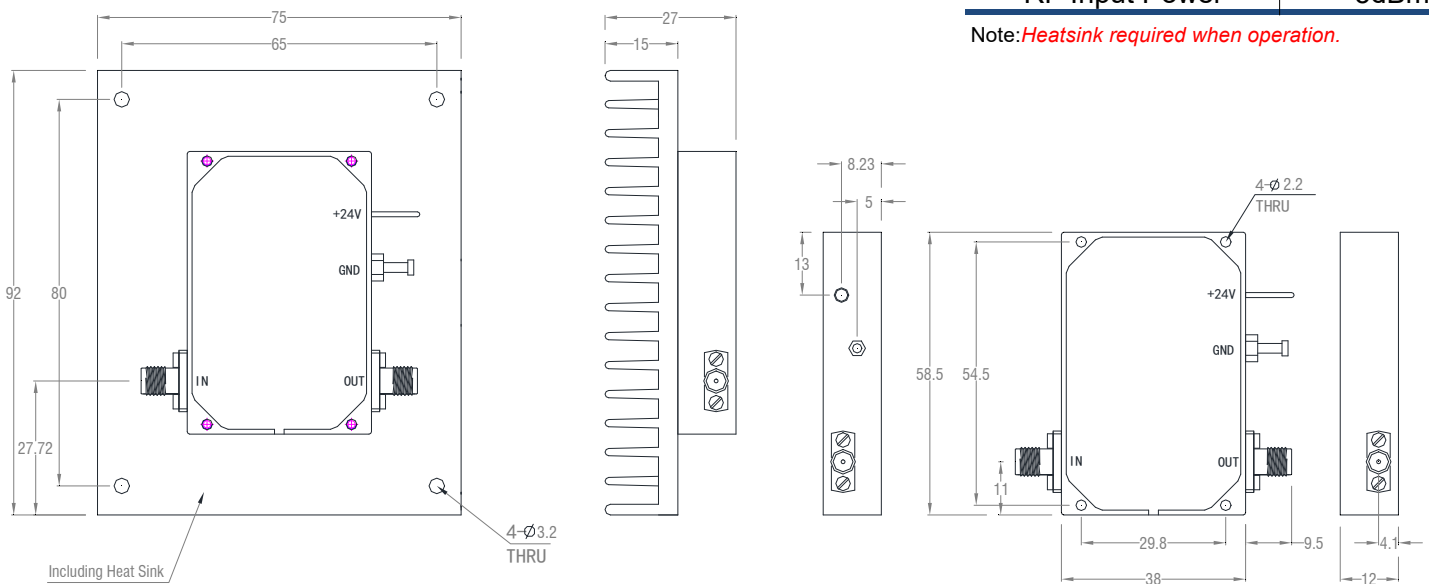
APPLICATIONS

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

SPECIFICATIONS

Parameters	Min.	Typ.	Max.	Units
Frequency Range	18	-	40	GHz
Impedance	-	50	-	Ohms
Gain	-	40	-	dB
Gain Flatness	-	±2.0	-	dB
Gain Variation Over Temperature(-40°C~+85°C)	-	±1.5	-	dB
Input VSWR	-	1.8	-	:1
Output 1dB Compression Point(P1dB)	-	29	-	dBm
Saturated Output Power(Psat)	-	31	-	dBm
Supply Current(Vcc=+24V)	-	1000	-	mA
Operating Temperature	-40	-	+85	°C
Storage Temperature	-50	-	+105	°C
Input/Output Connectors	2.92mm-Female			
Surface Finish	Nickel Plated			
Material	Aluminum			

Outline Drawing [mm[inch]]



Absolute Maximum Ratings

Operating Voltage	+26V
RF Input Power	-5dBm

Note: *Heatsink required when operation.*