

TMPA-00102200-3333 0.1-22 GHz, 33dB, Psat 33dBm, SMA female

FEATURES

- ❖ Gain 35dB Typical
- ❖ Saturated Output Power +33dBm Typical
- ❖ P1dB Output Power +30dBm Typical
- ❖ Supply Voltage +15V

APPLICATIONS

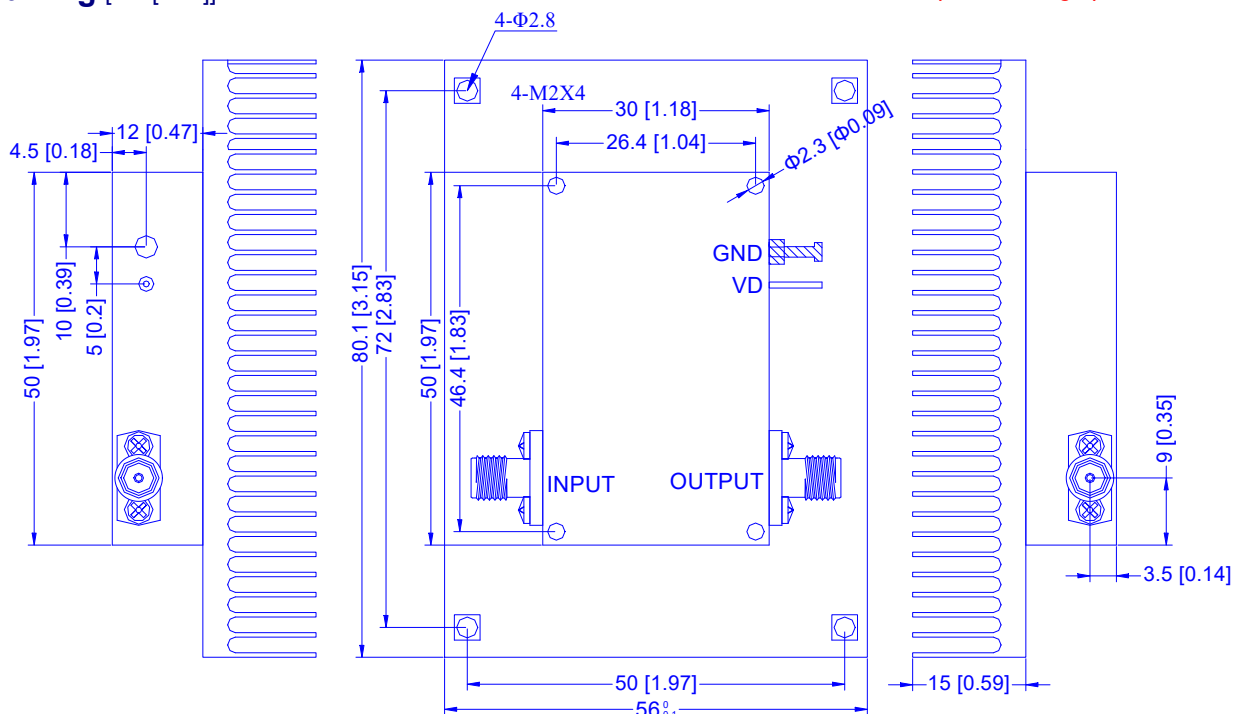
- ❖ Wireless Infrastructure
- ❖ 5G Communication
- ❖ Test and Measurement Instrument
- ❖ Radar and Receivers Systems

SPECIFICATIONS

Parameters	Min.	Typ.	Max.	Units
Frequency Range	0.1	-	22	GHz
Impedance	-	50	-	Ohms
Gain	33	35	-	dB
Gain Flatness	-	±2.5	-	dB
Gain Variation Over Temperature	-	±1.0	-	dB
Input VSWR	-	2.0	-	:1
Output VSWR	-	2.0	-	:1
Output 1dB Compression Point(P1dB)	-	30	-	dBm
Saturated Output Power(Psat)	-	33	-	dBm
Noise Figure	-	5	-	dB
Spurious	-	-60	-	dBc
RF Input Power(No damage)	-	-	5	dBm
Supply Voltage	-	+15	+20	V
Supply Current(Vcc=+15V)@(P1dB)	-	800	900	mA
Operating Temperature	-45	-	+85	°C
Storage Temperature	-55	-	+125	°C
Input/Output Connectors	SMA-Female			
Weight	50g			
Material	Aluminum			

Outline Drawing [mm[inch]]

Note: *Heatsink required during operation, sold seperately.*



Tolerances ±0.25[0.01]