

TMPA-02000600-5075 2-6 GHz, 50dB, Psat 75dBm, SMA female

FEATURES

- ❖ Gain 53dB Typical
- ❖ Saturated Output Power +75dBm Minimum
- ❖ P1dB Output Power +50dBm Typical
- ❖ Supply Voltage +28V

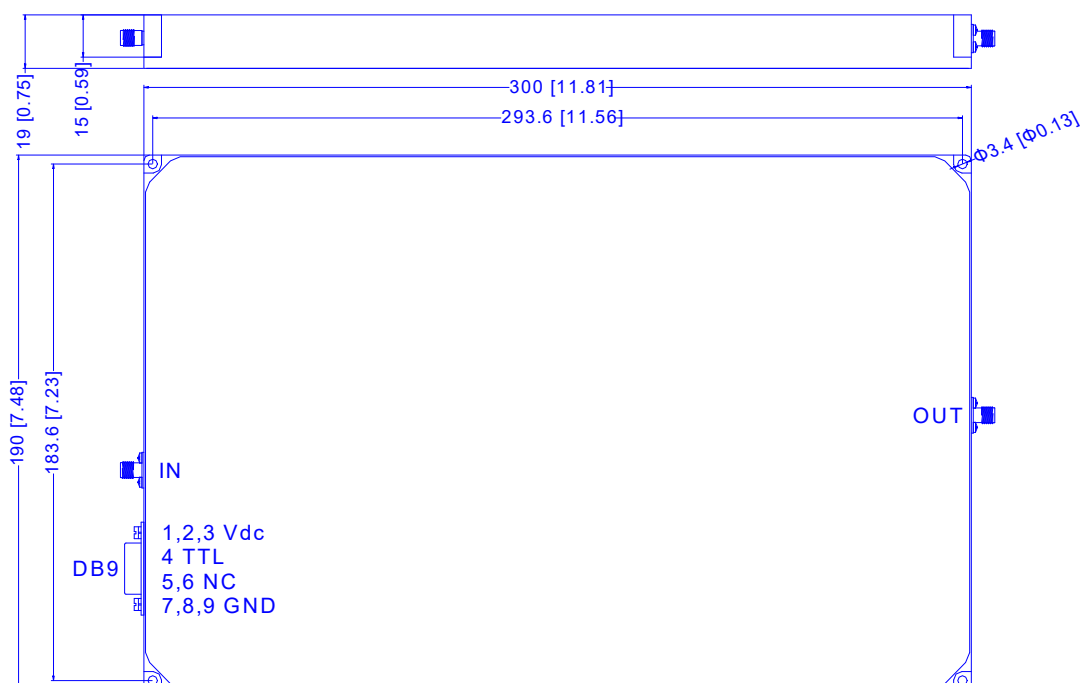
APPLICATIONS

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

SPECIFICATIONS

Parameters	Min.	Typ.	Max.	Units
Frequency Range	2	-	6	GHz
Impedance	-	50	-	Ohms
Small Signal Gain	50	53	-	dB
Gain Flatness	-	±3.0	±4.0	dB
Input VSWR	-	1.5	2.0	:1
Output VSWR	-	1.5	2.0	:1
Output 1dB Compression Point(P1dB)	-	50	-	dBm
Saturated Output Power(Psat)	75	-	-	dBm
Noise Power Density(-40dBm/MHz)	-	-	-40	dBm
Harmonics	-	12	-	dBc
Spurious	-	-60	-	dBc
RF Input Power(No damage)	-	-	10	dBm
DC Current(Vcc=+28V)(@Pout75W)		10	13	A
Operating Temperature	-30	-	+70	°C
Storage Temperature	-45	-	+85	°C
TTL Control "Low"/"High"	Low: Enable/High: Disable			
Control Connector D-Sub 9Pin	Pin: 1,2,3 Vd; 4 TTL; 5,6 NC; 7,8,9 GND			
Input/Output Connectors	SMA-Female			
Weight	1000g			
Material	Aluminum			

Outline Drawing [mm[inch]]



Tolerances ± 0.25 [0.01]