

TMPA-17004300-1825 17-43 GHz, 18dB, Psat 25dBm, 2.92mm female

FEATURES

- ❖ Gain 18dB Min
- ❖ Saturated Output Power +25dBm Typical
- ❖ P1dB Output Power +24dBm Typical
- ❖ Supply Voltage +12V

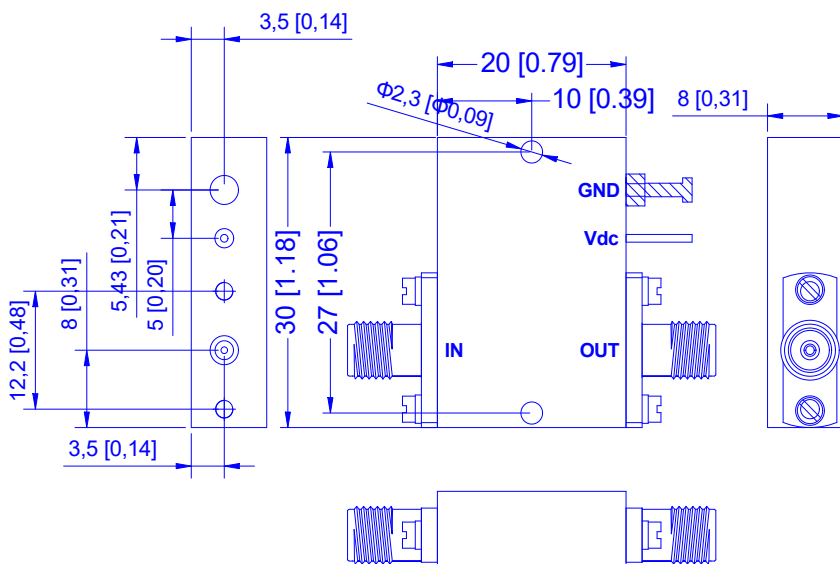
APPLICATIONS

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

SPECIFICATIONS

Parameters	Min.	Typ.	Max.	Units
Frequency Range	17	-	43	GHz
Impedance	-	50	-	Ohms
Small Signal Gain	18	-	-	dB
Gain Flatness	-	±2.5	-	dB
Input VSWR	-	2.0	-	:1
Output VSWR	-	2.0	-	:1
Output 1dB Compression Point(P1dB)	23	34	-	dBm
Saturated Output Power(Psat)	-	25	-	dBm
Spurious	-	-60	-	dBc
RF Input Power(No damage)	-	-	+10	dBm
Supply Current(Vcc=+12V)(@Pout=25dBm)	-	0.5	0.6	A
Operating Temperature	-45	-	+85	°C
Storage Temperature	-55	-	+125	°C
Input/Output Connectors	2.92mm-Female			
Weight	50g			
Material	Aluminum			

Outline Drawing [mm[inch]]



Absolute Maximum Ratings

Operating Voltage	+15V
RF Input Power	+10dBm

Note: *Heatsink required when operation.*

Tolerances ±0.25[0.01]