

TMPA-00400100-4040 0.4-1.0 GHz, 40dB, Psat 40dBm, SMA female

FEATURES

- ❖ Gain 46dB Typical
- ❖ Saturated Output Power +40dBm Minimum
- ❖ Supply Voltage +28V
- ❖ 50 Ohm Matched Input/Output

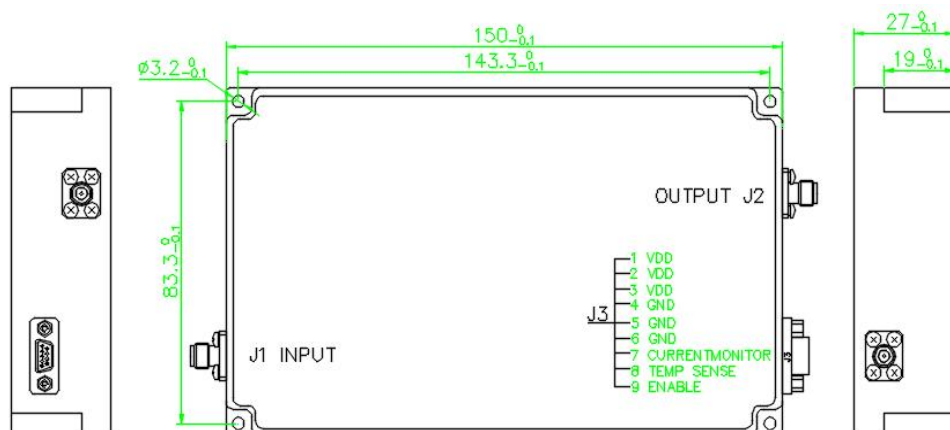
APPLICATIONS

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

SPECIFICATIONS

Parameters	Min.	Typ.	Max.	Units
Frequency Range	0.4	-	1.0	GHz
Impedance	-	50	-	Ohms
Small Signal Gain	40	46	-	dB
Gain Flatness	-	-	±2.0	dB
Input VSWR	-	1.5	2.0	:1
Saturated Output Power(Psat)	40	-	-	dBm
Harmonic@10W	-	-15	-	dBc
Spurious	-	-60	-	dBc
RF Input Power(No damage)	-	-	+10	dBm
Supply Current(Vcc=+28V)@(Pout=10W)	-	3	-	A
Operating Temperature	-20	-	+60	°C
Storage Temperature	-55	-	+125	°C
Control Connector	D-Sub 9Pin Male			
Input/Output Connectors	SMA-Female			
Dimension	150mm×90mm×27mm			
Material	Aluminum			

Outline Drawing [mm[inch]]



Absolute Maximum Ratings

Operating Voltage	+30V
RF Input Power	+10dBm

Note: *Heatsink required when operation.*