600MHz-6GHz 30W Power Amplifier

P/N: PA006060GA30W

Description:

The power amplifier is a 30W power amplifier with a typical small signal gain of 45 dB across the frequency range of 600MHz to 6GHz. The typical output power Psat 45dBm. The DC power requirement for the amplifier is +28 VDC/5A. Accept customization according to different needs.

- Radar Systems
- Communication Systems
- Receivers Systems

Electrical Specifications（+25℃）:

Parameter	Min.	Typ.	Max.	Units
Frequency Range		0.6-6		GHz
Gain	44	45		dB
Gain Flatness		±1	±1.5	dB
Input VSWR		1.5	2.0	-
Output Power Psat		45		dBm
Spurious	-60			dBc
Input Max Power(no damage)			15	dBm
Power Supply		+28V/5A		
Impedance		50		Ω
RF Input/Output Connector		SMA-Female/SMA-Female		
Power Supply		Feedthrough Capacitor		
Material		Aluminium		
Weight		1500g		
Package Sealing		General Sealing (Standard)		

Environmental Specifications:

※ Operational Temperature -25℃~+65℃

※ Storage Temperature -55℃~+85℃

RoHS COMPLIANT

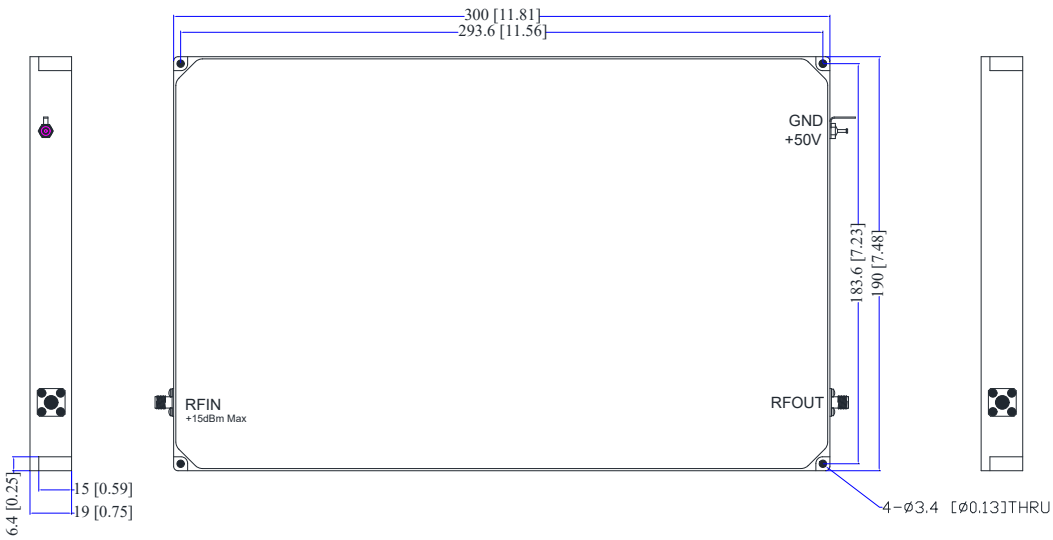
OBSERVE PRECAUTIONS ELECTROSTATIC SENSITIVE DEVICES

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■ Outline Drawing

All Dimensions in mm (inches) Tolerance ±0.25 (0.01)



Heat Sink required during operation

NOTE:

1. The product is designed to meet environmental ratings but not tested. If you need to test environmental condition, please contact our sales department.
2. Miczen technologies co., Ltd. reserves the right to change the above information without notice.