0.16-0.164GHz 40W Power Amplifier

P/N: PA01600164GA40W

Description:

The power amplifier is a 40W power amplifier with a typical small signal gain of 30 dB across the frequency range of 0.16 to 0.164 GHz. The typical output power P-1 43dBm. The DC power requirement for the amplifier is +12 VDC/13 A. Accept customization according to different needs.

- Radar Systems
- Communication Systems
- Receivers Systems

Electrical Specifications（+25℃）:

Parameter	Min.	Typ.	Max.	Units
Frequency Range		0.16-0.164		GHz
Gain	30	35		dB
Gain Flatness		±1		dB
Input VSWR		1.5	2.0	-
Output Power for (P1dB)		43		dBm
Output Power Psat		46		dBm
Spurious		-60		dBc
Input Max Power(no damage)			20	dBm
DC Current (Vcc=+12V)(@Pout=40W)		13		A
Impedance		50		Ω
Input/Output Connector		SMA-K/SMA-K		
Material		Aluminium/Conductive oxide (Standard)		
Weight		-		
Package Sealing		General Sealing (Standard)		

Environmental Specifications:

※ Operational Temperature -25℃~+55℃

※ Storage Temperature -55℃~+85℃

RoHS COMPLIANT

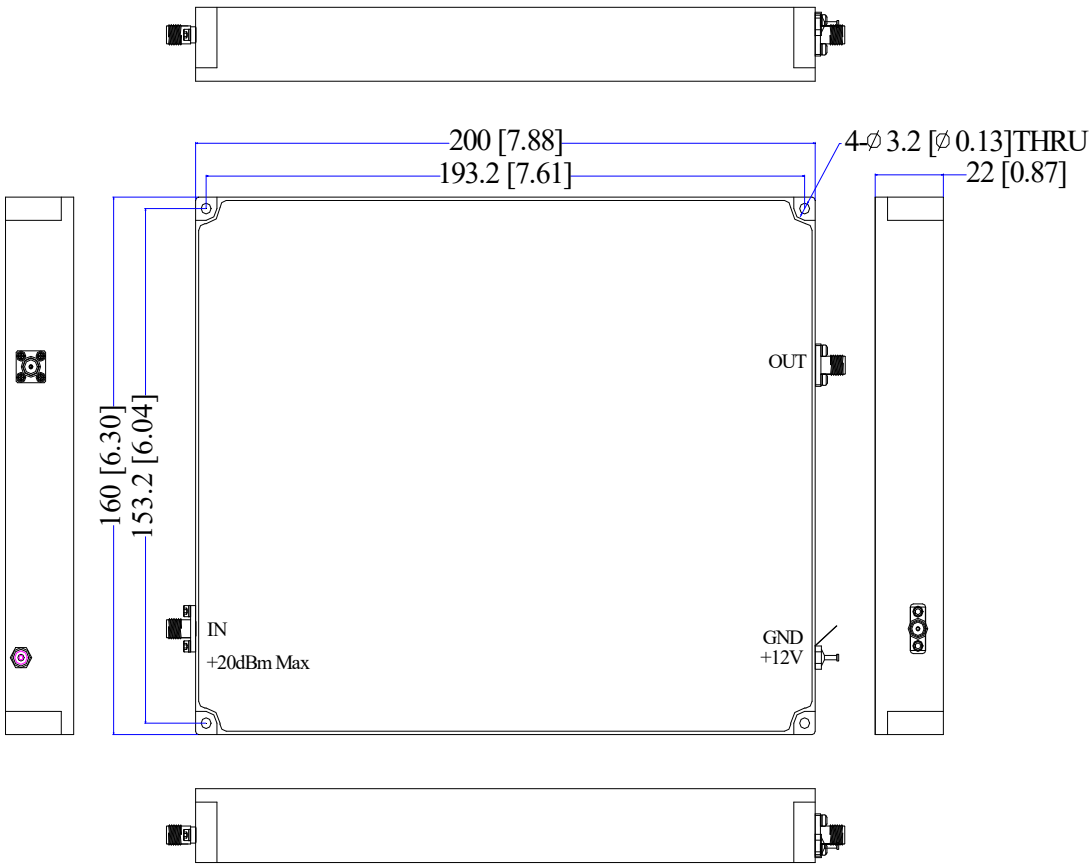
OBSERVE PRECAUTIONS ELECTROSTATIC SENSITIVE DEVICES

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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.