1.1-3.5GHz 50W Power Amplifier

P/N: PA011035GA50W-SR

Description:

The power amplifier is a 50W power amplifier with a typical small signal gain of 30 dB across the frequency range of 1.1 to 3.5 GHz. The typical output power Psat 47dBm. The DC power requirement for the amplifier is +28 VDC/6.0 A. Accept customization according to different needs.

- Radar Systems
- Communication Systems
- Receivers Systems

Electrical Specifications（+25℃）:

Parameter	Min.	Typ.	Max.	Units
Frequency Range		1.1-3.5		GHz
Gain		30		dB
Gain Flatness			±2.5	dB
Input VSWR		1.5	2.0	-
Output Power Psat	46	47		dBm
Spurious		60		dBc
Harmonics Rejection		13		dBc
Input Max Power(no damage)			25	dBm
DC Supply Voltage		28	29	V
DC Current (Vcc=+28V)(@Pout=20W)		6.0		A
Impedance		50		Ω
Input/Output Connector		SMA-K/SMA-K		
Material		Aluminium/Color Conductive Oxidation		
Weight		-Kg		
Package Sealing		General Sealing (Standard)		

Environmental Specifications:

※ Operational Temperature -25℃~+55℃

※ Storage Temperature -55℃~+125℃

RoHS COMPLIANT

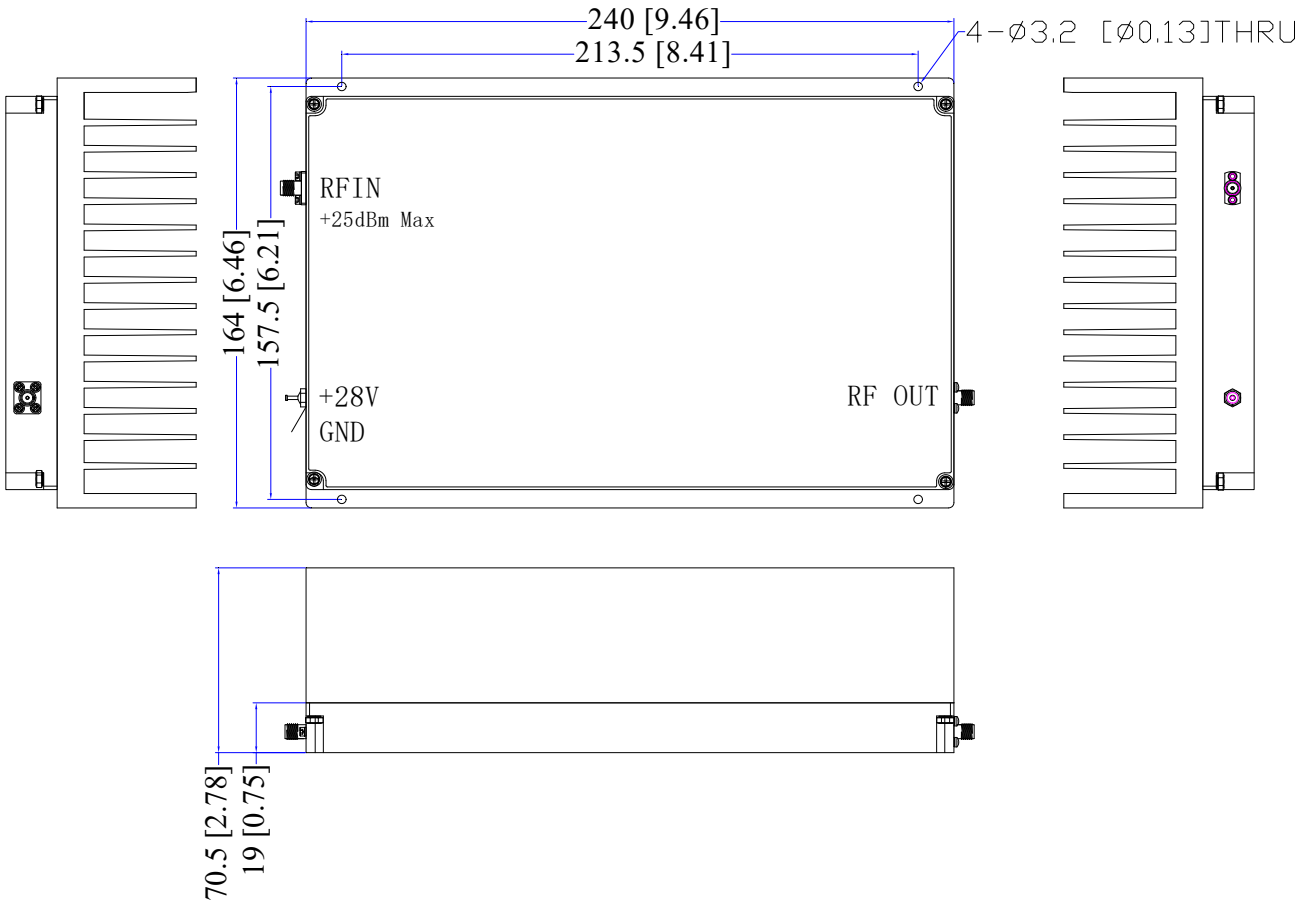
OBSERVE PRECAUTIONS ELECTROSTATIC SENSITIVE DEVICES

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■ Outline Drawing

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



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.