

8.5-9.6GHz Power Amplifier

P/N: MZMPA085096GA17



Description:

The power amplifier is a power amplifier with a typical small signal gain of 20 dB across the frequency range of 8.5 to 9.6 GHz. The typical output power P-1 21dBm. The DC power requirement for the amplifier is +12 VDC/0.5 A. Accept customization according to different needs.



- Radar Systems
- Communication Systems
- Receivers Systems

Electrical Specifications (+25°C) :

Parameter	Min.	Typ.	Max.	Units
Frequency Range		8.5-9.6		GHz
Gain	17	20		dB
Gain Flatness		±0.5	±0.75	dB
Input VSWR		1.5	2.0	-
Output VSWR		1.5	2.0	-
Output Power for (P1dB)	20	21		dBm
Output Power Psat	21	22		dBm
Spurious		-60		dBc
OIP3		28		dBm
Input Max Power(no damage)			10	dBm
DC Current (Vcc=+12V)		0.2		A
Impedance		50		Ω
Input/Output Connector		SMA-K/SMA-K		
Material		Aluminium/Conductive oxide		
Weight		-		
Package Sealing		General Sealing (Standard)		

Environmental Specifications:

- ※ Operational Temperature -25°C~+85°C
- ※ Storage Temperature -55°C~+125°C



OBSERVE PRECAUTIONS ELECTROSTATIC SENSITIVE DEVICES

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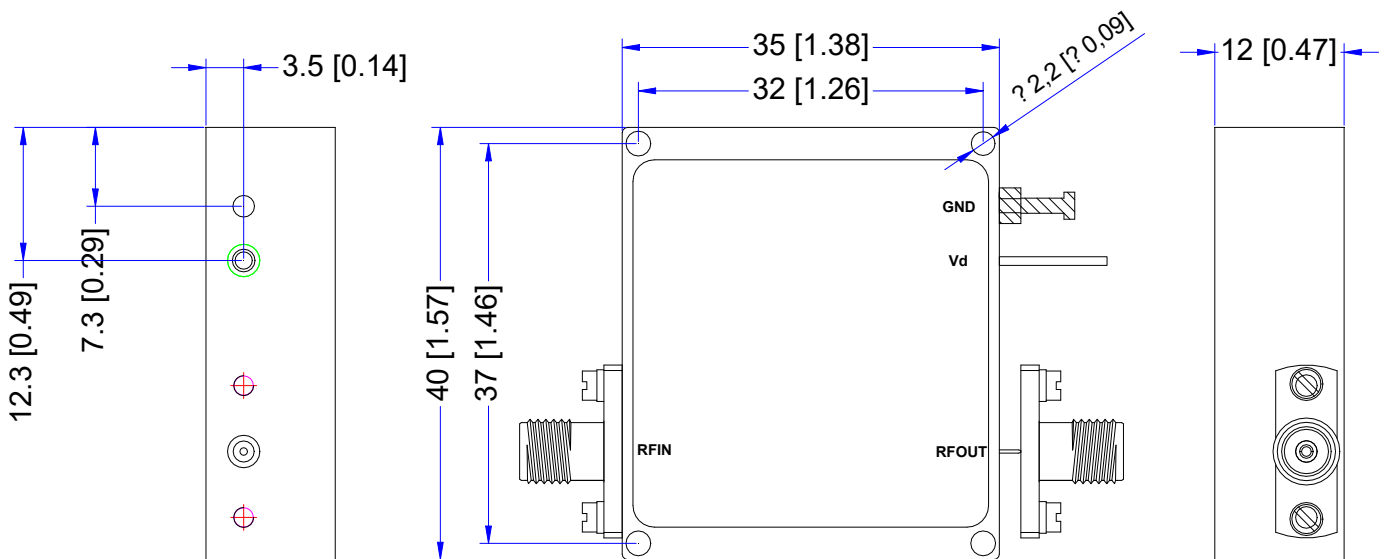
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■ Outline Drawing

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.

MICZEN THCHNOLOGIES CO.,LTD.

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