

34-37GHz 10W Power Amplifier

P/N: MZPA3437GA10W



Description:

The power amplifier is a 10W power amplifier with a typical small signal gain of 50 dB across the frequency range of 34 to 37 GHz. The typical output power P-1 40dBm. The DC power requirement for the amplifier is +12 VDC/15 A. Accept customization according to different needs.



- Radar Systems
- Communication Systems
- Receivers Systems

Electrical Specifications (+25°C) :

Parameter	Min.	Typ.	Max.	Units
Frequency Range		34-37		GHz
Gain	45	50		dB
Gain Flatness		±2		dB
Input VSWR		2.0		-
Output Power for (P1dB)	38	40		dBm
Output Power Psat	39.5	41		dBm
Spurious		-60		dBc
Input Max Power(no damage)			5	dBm
DC Current (Vcc=+12V)(@Pout=10W)		10	15	A
Impedance		50		Ω
Input/Output Connector	2.92mm-Female/2.92mm-Female			
Material	Aluminium			
Weight	-			
Package Sealing	General Sealing (Standard)			

Environmental Specifications:

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



OBSERVE
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SENSITIVE DEVICES

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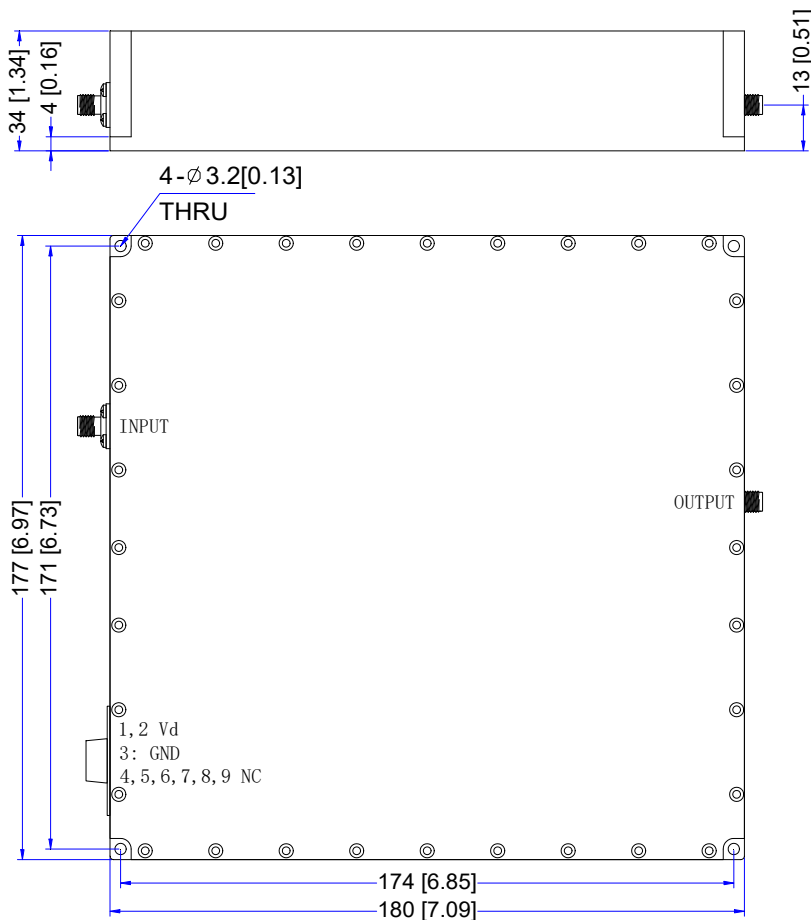
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■ Outline Drawing

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.

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