0.005-0.5GHz 2W Power Amplifier

P/N: PA005500MA2W-SR

Description:

The power amplifier is a 2 W power amplifier. The typical output power P1 +33 dBm. The DC power requirement for the amplifier is +24 VDC/0.9 A. Accept customization according to different needs.

- Radar Systems
- Communication Systems
- Receivers Systems

Electrical Specifications（+25℃）:

Parameter	Min.	Typ.	Max.	Units
Frequency Range		0.005-0.5		GHz
Gain	29	32		dB
Gain Flatness			±1	dB
Output Power at 1 dB Compression	32.5	33		dBm
Noise Figure		7		dB
Output Third Order Intercept Point		44		dBm
Input VSWR		1.5		-
Output VSWR		1.5		-
DC Supply Voltage		24		V
Supply Current			0.9	A
Input Max Power(no damage)			10	dBm
Impedance		50		Ω
Input/Output Connector		BNC-Female/BNC-Female		
Material		Aluminium/Natural color conductive oxidation		
Weight		-		
Package Sealing		General Sealing (Standard)		

Environmental Specifications:

※ Operational Temperature -20℃~+65℃

※ Storage Temperature -55℃~+100℃

RoHS COMPLIANT

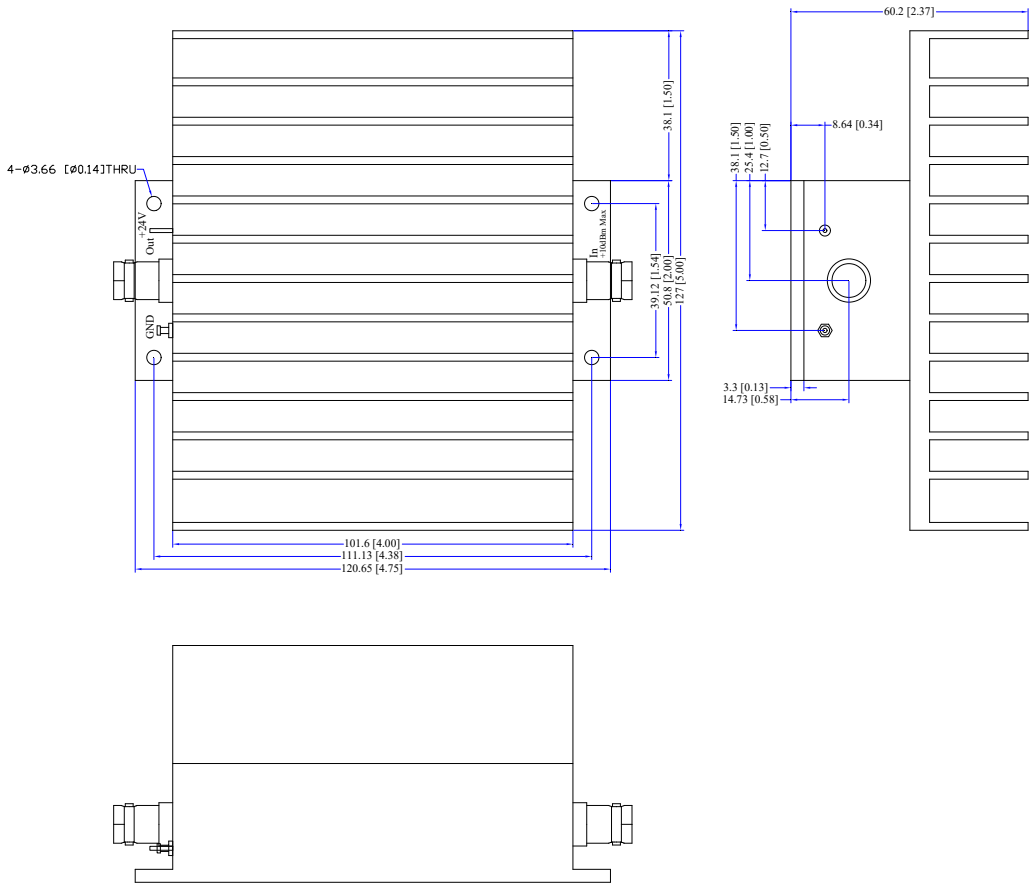
OBSERVE PRECAUTIONS ELECTROSTATIC SENSITIVE DEVICES

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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.