20-512MHz 40W Power Amplifier

P/N: PA020512MA40W

Description:
The power amplifier is a 40W power amplifier with a typical small signal gain of 17 dB across the frequency range of 20 to 512 MHz. The DC power requirement for the amplifier is +28 VDC/5 A. Accept customization according to different needs.

- Radar Systems
- Communication Systems
- Receivers Systems

Electrical Specifications（+25℃）:

Parameter	Min.	Typ.	Max.	Units
Frequency Range		20-512		MHz
Gain		17		dB
Gain Flatness		±2.5		dB
Output Power Psat	46			dBm
Input Max Power(no damage)			30	dBm
DC Current (Vcc=+28V)		5		A
Impedance		50		Ω
Material		4J29/Nickel Plated		
Weight		-		
Package Sealing		General Sealing (Standard)		

Environmental Specifications:

※ Operational Temperature -25℃~+55℃

※ Storage Temperature -55℃~+125℃

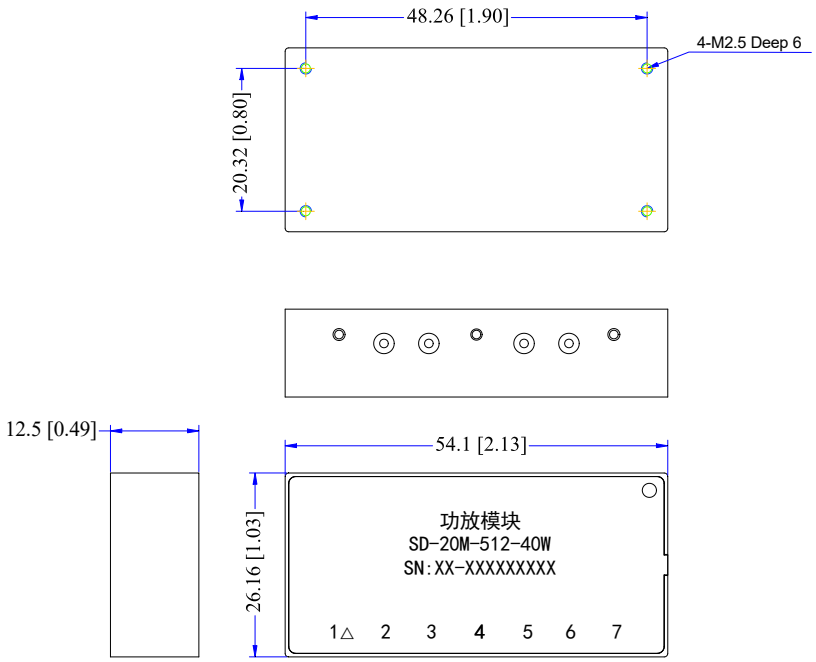
RoHS COMPLIANT

OBSERVE PRECAUTIONS ELECTROSTATIC SENSITIVE DEVICES

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■ Outline Drawing

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



Pin	Description
1,4,7	GND
2	RF Input
3	Vbias Input
5	Vdc Input
6	RF Output

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.