SAC1264

Low Noise Amplifier Hermetically Sealed Module
0.5~4GHz **Rev1.0**

Features

- Frequency: 0.5~4 GHz
- Gain: 47dB
- Noise Figure：1.0dB Typ.
- Gain Flatness：±1.5dB
- Supply Voltage: +12V
- Supply Current: 300mA

Typical Applications

- Radar and ECM
- RF/ Microwave Radio
- Military and Space
- Test and Measurement
- Fiber Optics

General Description

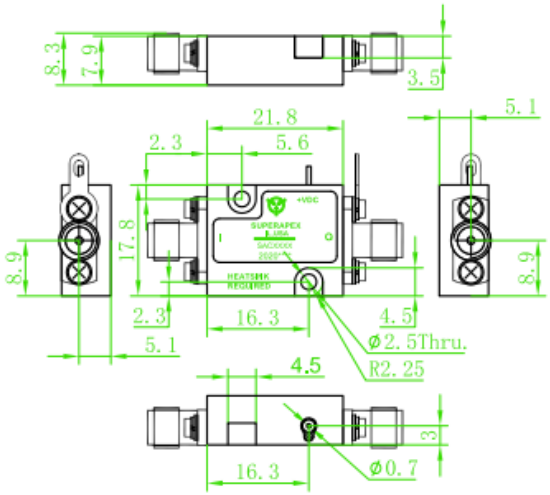
SAC1264 is a low noise amplifier Hermetically Sealed module with a typical small signal gain of 47dB Max and a nominal OP-1dB of 27dBm.

Electrical Performance

Parameter	Min.	Typ.	Max.	Units
Frequency Range		0.5~4		GHz
Gain	39	—	47	dB
Input VSWR	—	1.5	1.8	:1
Output VSWR	—	1.5	1.8	:1
Noise Figure	—	1.0	1.5	dB
Output Power for 1 dB Compression (OP_{-1}dB)	26	27	—	dBm
Supply Voltage	—	12	—	V
Supply Current (I_D)	—	300	400	mA

Mechanical Outline

All dimensions are in millimeters



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