

SAC1328

Low Noise Amplifier Module 1.69~1.71GHz

Rev1.0

Features

- Frequency: 1.69~1.71 GHz
- Gain: 48dB
- Noise Figure: 0.6 dB Typ.
- Supply Voltage: 24V
- Supply Current: 170 mA

Typical Applications

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

General Description

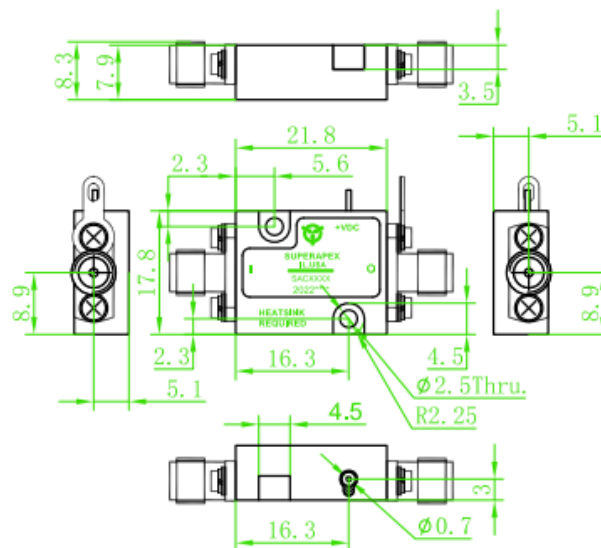
SAC1328 is an amplifier manufactured using microwave hybrid integration technology. The operating frequency from 1.69 to 1.71 GHz with 48 dB of gain and 14 dBm Output P_{-1dB}.

Electrical Performance

Parameter	Min.	Typ.	Max.	Units
Frequency Range	1.69~1.71			GHz
Gain	39	—	48	dB
Gain Flatness	—	—	±1.0	dB
Input VSWR	—	—	2	:1
Output VSWR	—	—	2	:1
Noise Figure	—	0.6	0.75	dB
Output Power for 1 dB Compression (OP _{-1dB})	10	14	—	dBm
Supply Voltage	—	—	24	V
Supply Current (I _b)	—	—	170	mA

Mechanical Outline

All dimensions are in millimeters



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