SAC1337-RO

Low Noise Amplifier Module
1.1~1.8GHz

Rev1.1

Features

- Frequency: 1.1~1.8 GHz
- Gain: 31dB
- Noise Figure：0.7 dB
- Supply Voltage: 12V~16V
- Supply Current: 100 mA

Typical Applications

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

General Description

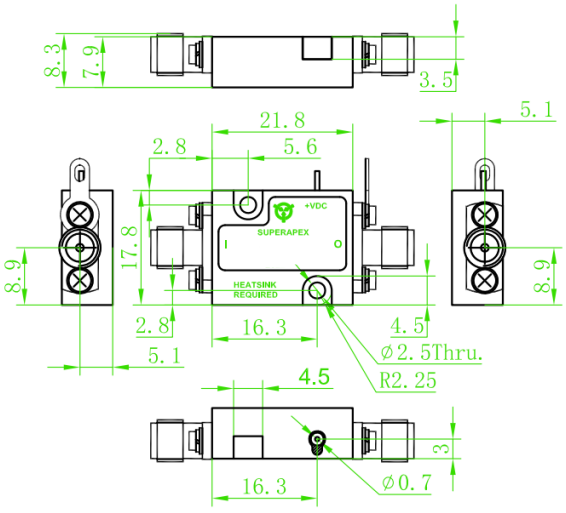
SAC1337-RO is a Low Noise amplifier manufactured using microwave hybrid integration technology. The operating frequency from 1.1 to 1.8 GHz with 31 dB of gain and 10 dBm Output P_{-1}dB.

Electrical Performance

Parameter	Min.	Typ.	Max.	Units
Frequency Range		1.1~1.8		GHz
Gain	28	—	31	dB
Gain Flatness	—	—	±0.5	dB
Input VSWR	—	—	1.8	:1
Output VSWR	—	—	1.8	:1
Noise Figure	—	—	0.7	dB
Output Power for 1 dB Compression (OP_{-1}dB)	10	—	—	dBm
Supply Voltage	12	—	16	V
Supply Current (I_D)	—	—	100	mA

Mechanical Outline

All dimensions are in millimeters



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