

SAC1335

Low Noise Amplifier Module 6~18GHz

Rev1.0

Features

- Frequency: 6~18 GHz
- Gain: 38dB
- Noise Figure: 2.0 dB Typ
- Supply Voltage: 8V~16V
- Supply Current: 400 mA

Typical Applications

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

General Description

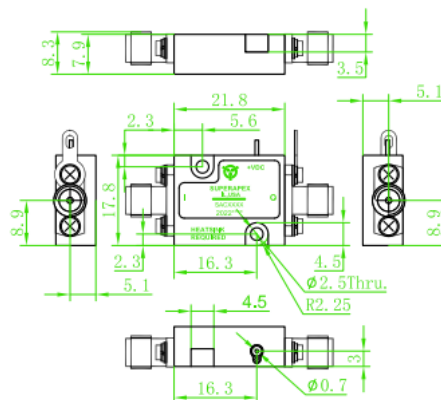
SAC1335 is a Low Noise amplifier manufactured using microwave hybrid integration technology. The operating frequency from 6 to 18 GHz with 38 dB of gain and 22 dBm Output P_{-1dB}.

Electrical Performance

Parameter	Min.	Typ.	Max.	Units
Frequency Range	6~18			GHz
Gain	30	—	38	dB
Gain Flatness	—	—	±2.0	dB
Input VSWR	—	—	2.0	:1
Output VSWR	—	—	2.0	:1
Noise Figure	—	2.0	3.5	dB
Output Power for 1 dB Compression (OP _{-1dB})	20	22	—	dBm
Supply Voltage	8	—	16	V
Supply Current (I _b)	—	—	400	mA

Mechanical Outline

All dimensions are in millimeters



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