SAC1335

Low Noise Amplifier Module
6~18GHz

Rev 1.0

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

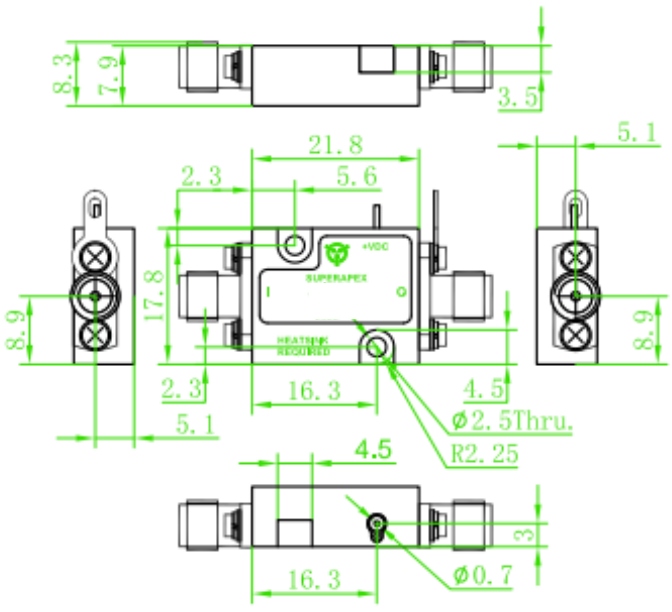
SAC1335 is a Low Noise amplifier manufactured using microwave hybrid integration technology. The operating frequency is from 6 to 18 GHz with 38 dB of gain and 22 dBm Output P_{-1}dB.

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_{-1}dB)	20	22	—	dBm
Supply Voltage	8	—	16	V
Supply Current (I_D)	—	—	400	mA

Mechanical Outline

All dimensions are in millimeters



RoHS

SuperApex, LLC
2801 Lakeside Drive, Suite 208, Bannockburn, IL 60015, USA
Tel: 1-847-505-8319, 1-847-573-9866
E-mail: sales@superapexco.com
Website: www.superapexco.com