

# SAC1332

## Low Noise Amplifier Module 8~12GHz

Rev1.0

### Features

- Frequency: 8~12 GHz
- Gain: 35dB
- Noise Figure: 4 dB Typ.
- Supply Voltage: 12V~18V
- Supply Current: 1 A

### Typical Applications

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

### General Description

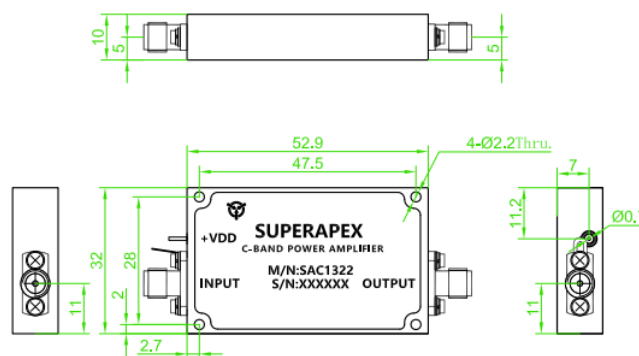
SAC1332 is a Low Noise amplifier manufactured using microwave hybrid integration technology. The operating frequency from 8 to 12 GHz with 35 dB of gain and 31 dBm Output P<sub>-1dB</sub>.

### Electrical Performance

Parameter	Min.	Typ.	Max.	Units
Frequency Range	8~12			GHz
Gain	30	—	35	dB
Gain Flatness	—	—	±1.5	dB
Input VSWR	—	—	2.0	:1
Output VSWR	—	—	2.0	:1
Noise Figure	—	4	8	dB
Output Power for 1 dB Compression (OP <sub>-1dB</sub> )	29.5	31	—	dBm
Supply Voltage	12	—	18	V
Supply Current (I <sub>b</sub> )	—	—	1	A

### Mechanical Outline

All dimensions are in millimeters



### SuperApex Corporation

Address: 1580 S. Milwaukee Ave. Suite 405, Libertyville, IL 60048, USA  
Tel: 1-847-505-8319, 1-847-573-9866  
E-mail: sales@superapexco.com  
Website: www.superapexco.com