

SAC1261

Wide-Band Low Noise Amplifier Module 10~18GHz

Rev1.0

Features

- Frequency: 10~18 GHz
- Gain: 35dB
- Noise Figure: 2.0dB Max
- Supply Voltage: +12V~+15V
- Supply Current: 400mA

Typical Applications

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

General Description

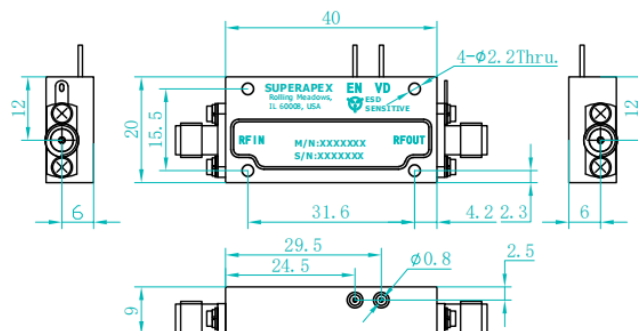
SAC1261 is a low noise amplifier manufactured using microwave hybrid integration technology. The operating frequency from 10 to 18 GHz with 35 dB of gain and 25dBm Output P_{1dB}.

Electrical Performance

Parameter	Min.	Typ.	Max.	Units
Frequency Range	10~18			GHz
Gain	30	—	35	dB
Input VSWR	—	1.5	1.7	:1
Output VSWR	—	1.5	1.7	:1
Noise Figure	—	—	2.0	dB
Output Power for 1 dB Compression (OP _{1dB})	25	—	—	dBm
Supply Voltage	12	—	15	V
Supply Current (I _b)	400	—	450	mA

Mechanical Outline

All dimensions are in millimeters



all dimensions in mm

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