

SAC1282

Wide-Band Low Noise Amplifier Module 2~18GHz

Rev1.0

Features

- Frequency: 2~18GHz
- Gain: 30dB Min
- Noise Figure: 2.0dB
- Supply Voltage: +14V~+17V
- Supply Current: 170mA

Typical Applications

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

General Description

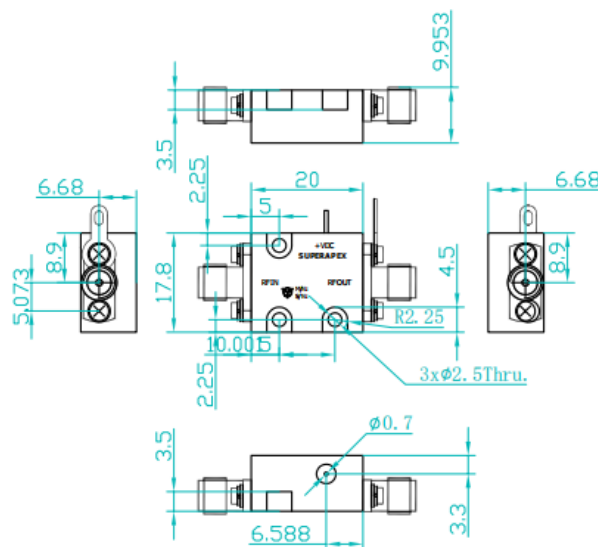
SAC1282 is a low noise amplifier module with a typical small signal gain of 30dB Min and a nominal OP-1dB of 10dBm.

Electrical Performance

Parameter	Min.	Typ.	Max.	Units
Frequency Range	2~18			GHz
Gain	30	—	—	dB
Input VSWR	—	1.7	2.0	:1
Output VSWR	—	1.7	2.0	:1
Noise Figure	—	2.0	2.5	dB
Output Power for 1 dB Compression (OP _{-1dB})	—	10	—	dBm
Supply Voltage	14	—	17	V
Supply Current (I _b)	—	170	200	mA

Mechanical Outline

All dimensions are in millimeters



all dimensions in mm

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