

SAC1281

Wide-Band Low Noise Amplifier Module 2~18GHz

Rev1.0

Features

- Frequency: 2~18GHz
- Gain: 10dB Min ,15dB Max
- Noise Figure: 4.5dB Max
- Supply Voltage: +12V~+15V
- Supply Current: 60mA

Typical Applications

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

General Description

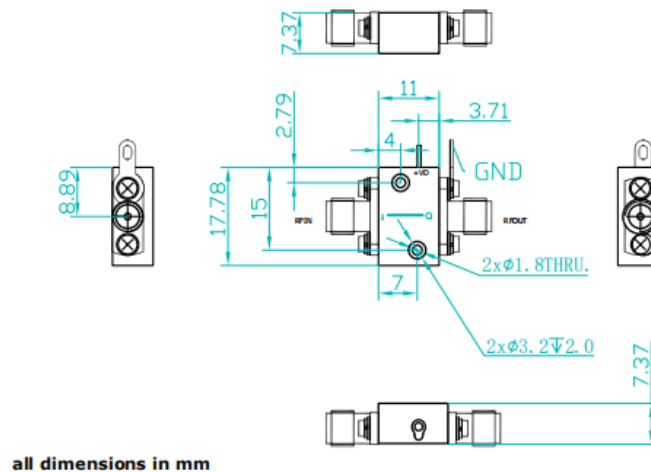
SAC1281 is a low noise amplifier module with a typical small signal gain of 15dB Max and a nominal OP-1dB of 10dBm.

Electrical Performance

Parameter	Min.	Typ.	Max.	Units
Frequency Range	2~18			GHz
Gain	10	—	15	dB
Input VSWR	—	1.0	2.0	:1
Output VSWR	—	1.0	2.0	:1
Noise Figure	—	—	4.5	dB
Output Power for 1 dB Compression (OP _{-1dB})	—	10	—	dBm
Supply Voltage	12	—	15	V
Supply Current (I _b)	—	60	—	mA

Mechanical Outline

All dimensions are in millimeters



all dimensions in mm

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