

SAC1327

Amplifier Module 0.0001~1GHz

Rev1.0

Features

- Frequency: 0.0001~1 GHz
- Gain: 60dB
- Noise Figure: 2.0dB Typ.
- Supply Voltage: +12V~+15V
- Supply Current: 230 mA

Typical Applications

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

General Description

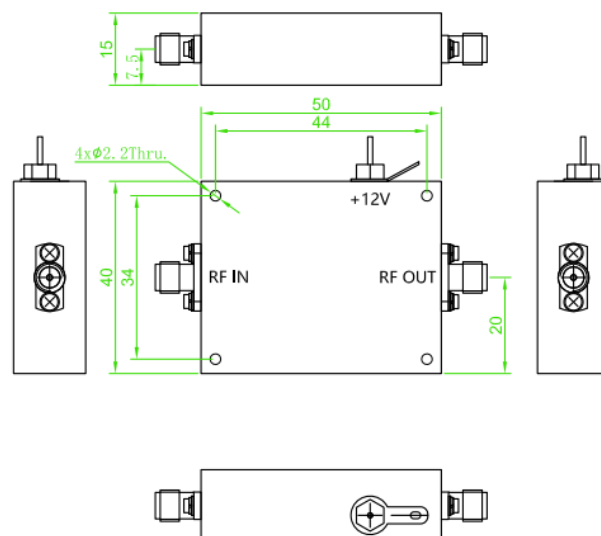
SAC1327 is an amplifier manufactured using microwave hybrid integration technology. The operating frequency from 0.0001 to 1 GHz with 60 dB of gain and 14 dBm Output P_{-1dB}.

Electrical Performance

Parameter	Min.	Typ.	Max.	Units
Frequency Range	0.0001~1			GHz
Gain	47	—	60	dB
Gain Flatness	—	—	±1.5	dB
Input VSWR	—	—	2	:1
Output VSWR	—	—	2	:1
Noise Figure	—	2.0	—	dB
Output Power for 1 dB Compression (OP _{-1dB})	10	14	—	dBm
Supply Voltage	12	—	15	V
Supply Current (I _b)	—	—	230	mA

Mechanical Outline

All dimensions are in millimeters



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