

SAC1322

C-Band Power Amplifier Module 4~6GHz

Rev1.0

Features

- Frequency: 4~6 GHz
- Gain: 37dB
- Gain Flatness: ± 1.5 dB
- Supply Voltage: +12V~+15V
- Supply Current: 2.5A
- Size: 52.9mm×32.0mm×10.0mm

Typical Applications

- Microwave radio
- Telecommunication
- Test instrumentation

General Description

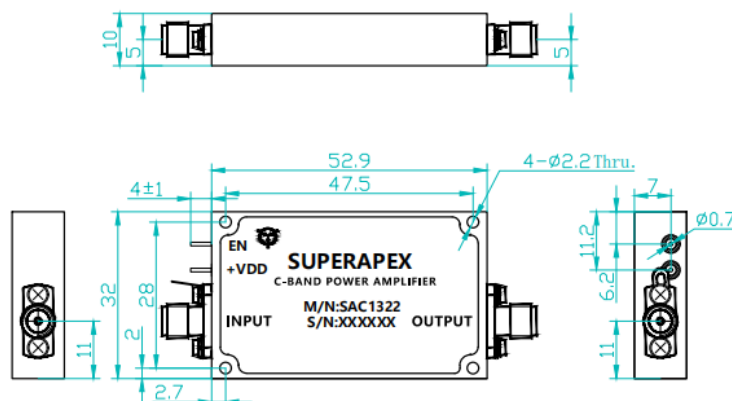
SAC1322 is a C-band power amplifier manufactured using microwave hybrid integration technology. The operating frequency from 4 to 6 GHz with 37 dB of gain and 35 dBm Output P_{-1dB}.

Electrical Performance

Parameter	Min.	Typ.	Max.	Units
Frequency Range	4~6			GHz
Gain	30	—	37	dB
Input VSWR	—	—	2.0	:1
Output Power for 1 dB Compression (OP _{-1dB})	34.2	35	—	dBm
Supply Voltage	12	—	15	V
Supply Current (I _D)	—	—	2.5	A

Mechanical Outline

All dimensions are in millimeters



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