

SAC1230

Band Power Amplifier Module 2~6GHz

Rev1.0

Features

- Frequency: 2~6 GHz
- Gain: 40dB
- OP_{-1dB}: 37dBm
- Supply Voltage: +12V~+15V
- Supply Current: 270mA
- Size: 52.9mm×32.0mm×10.0mm

Typical Applications

- Microwave radio
- Telecommunication
- Test instrumentation

General Description

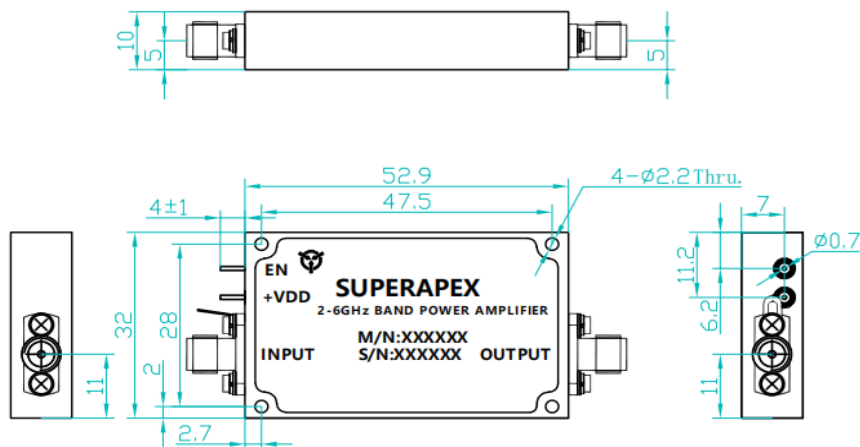
SAC1230 is a band power amplifier manufactured using microwave hybrid integration technology. The operating frequency from 2 to 6 GHz with 40 dB of gain and 37dBm Output P_{-1dB}.

Electrical Performance

Parameter	Min.	Typ.	Max.	Units
Frequency Range	2~6			GHz
Gain	40	—	45	dB
Input VSWR	—	—	2	:1
Output VSWR	—	—	2.5	:1
Output Power for 1 dB Compression (OP _{-1dB})	37	—	—	dBm
Supply Voltage	12	—	15	V
Supply Current (I _b)	—	270	—	mA

Mechanical Outline

All dimensions are in millimeters



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