

SAC1266

Band Power Amplifier Module 1~2.5GHz

Rev1.0

Features

- Frequency: 1~2.5 GHz
- Gain: 36dB
- Gain Flatness: ± 1.5 dB
- Supply Voltage: +14V~+16V
- Supply Current: 600mA
- Size: 52.9mm×32.0mm×10.0mm

Typical Applications

- Microwave radio
- Telecommunication
- Test instrumentation

General Description

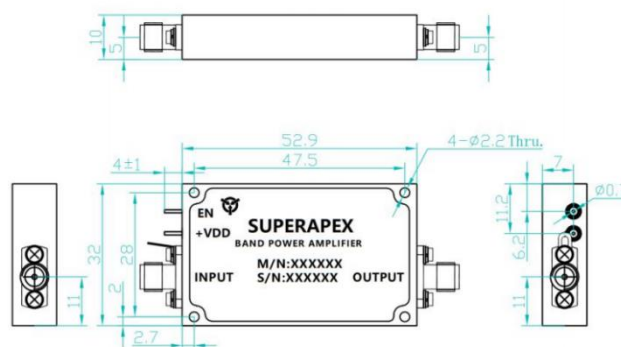
SAC1266 is a band power amplifier manufactured using microwave hybrid integration technology. The operating frequency from 1 to 2.5 GHz with 36 dB of gain and 33dBm Output P_{-1dB}.

Electrical Performance

Parameter	Min.	Typ.	Max.	Units
Frequency Range	1~2.5			GHz
Gain	30	—	36	dB
Input VSWR	—	1.7	2.0	:1
Output VSWR	—	1.7	2.0	:1
Output Power for 1 dB Compression (OP _{-1dB})	33	—	—	dBm
Supply Voltage	14	—	16	V
Supply Current (I _b)	—	—	600	mA

Mechanical Outline

All dimensions are in millimeters



all dimensions in mm

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