

SAC1249

Driver Amplifier Module 0.9~8.0GHz

Rev1.0

Features

- Frequency: 0.9~8.0 GHz
- Gain: 25dB
- Noise Figure: 2dB Typ
- Gain Flatness: ± 1.5 dB
- Supply Voltage: +12V~+28V
- Supply Current: 1A
- Size: 52.9mm×32.0mm×10.0mm

Typical Applications

- Microwave radio
- Telecommunication
- Test instrumentation

General Description

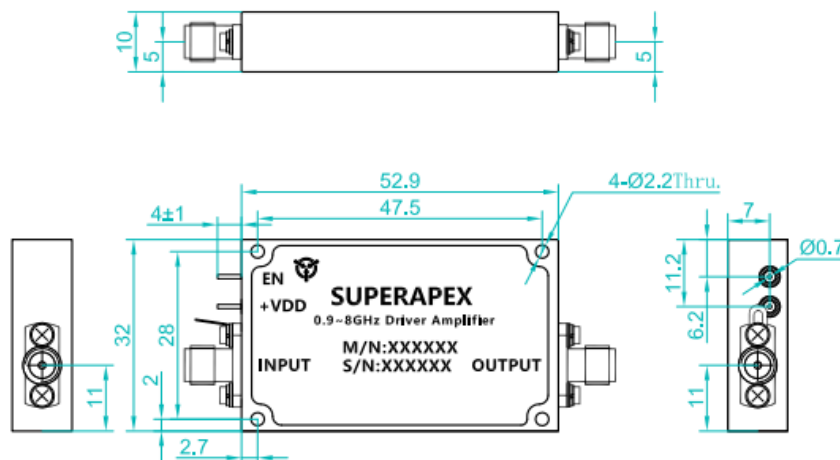
SAC1249 is a driver amplifier module with a typical small signal gain of 25dB and a nominal OP₋₁dB of 29dBm across the frequency range of 0.9 to 8.0GHz

Electrical Performance

Parameter	Min.	Typ.	Max.	Units
Frequency Range	0.9~8.0			GHz
Gain	25	—	33	dB
Input VSWR	—	2	—	:1
Output VSWR	—	2	—	:1
Noise Figure	—	—	2	dB
Output Power for 1 dB Compression (OP ₋₁ dB)	28	29	—	dBm
Supply Voltage	12	—	28	V
Supply Current (I _b)	—	1	—	A

Mechanical Outline

All dimensions are in millimeters



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