

SAC1259

Driver Amplifier Module 0.5~1.5GHz

Rev1.0

Features

- Frequency: 0.5~1.5 GHz
- Gain: 30dB
- Noise Figure: 4dB
- Gain Flatness: ± 1.5 dB
- Supply Voltage: +15V~+28V
- Supply Current: 0.3A
- Size: 52.9mm×32.0mm×10.0mm

Typical Applications

- Microwave radio
- Telecommunication
- Test instrumentation

General Description

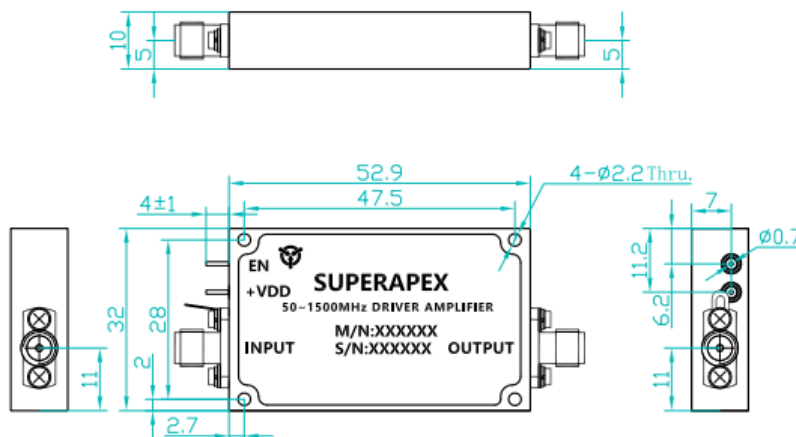
SAC1259 is a driver amplifier module with a typical small signal gain of 30dB and a nominal OP₋₁dB of 30dBm across the frequency range of 0.5 to 1.5GHz

Electrical Performance

Parameter	Min.	Typ.	Max.	Units
Frequency Range	0.5~1.5			GHz
Gain	30	—	36	dB
Input VSWR	—	2	—	:1
Output VSWR	—	2	—	:1
Noise Figure	—	4	—	dB
Output Power for 1 dB Compression (OP ₋₁ dB)	29	30	—	dBm
Supply Voltage	15	—	28	V
Supply Current(I _D)	—	—	0.3	A

Mechanical Outline

All dimensions are in millimeters



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