

SAC1243

X-band Amplifier Module 9.3~9.6GHz

Rev1.0

Features

- Frequency: 9.3~9.6 GHz
- Gain: 27dB
- Gain Flatness: ± 1.5 dB
- Supply Voltage: +15V
- Supply Current: 15A

Typical Applications

- Radar and ECM
- RF/ Microwave Radio
- Military and Space
- Test and Measurement
- Fiber Optics

General Description

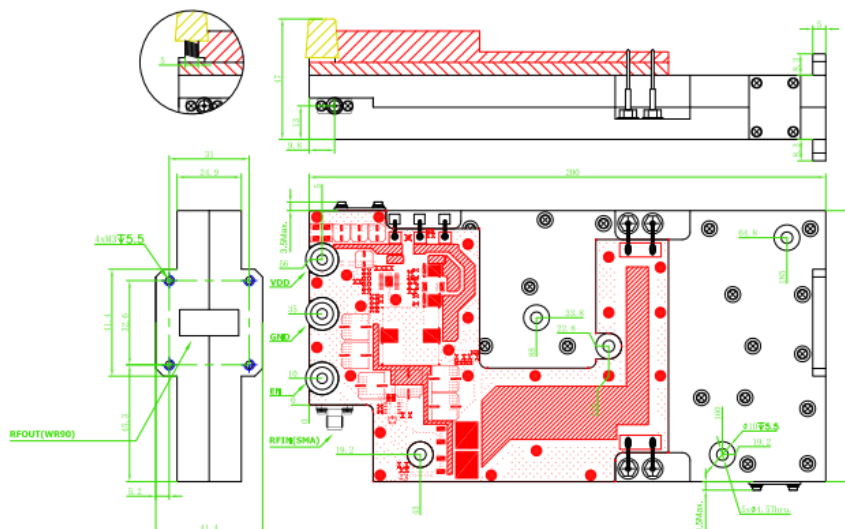
SAC1243 is a X-band amplifier module with a typical small signal gain of 27dB and a nominal OP-1dB of 47dBm.

Electrical Performance

Parameter	Min.	Typ.	Max.	Units
Frequency Range	9.3~9.6			GHz
Gain	20	—	27	dB
Input VSWR	—	1.5	2	:1
Output VSWR	—	1.5	2	:1
Gain Flatness	—	—	± 1.5	dB
Output Power for 1 dB Compression (OP-1dB)	46	47	—	dBm
Supply Voltage	—	15	—	V
Supply Current (I_D)	—	—	15	A

Mechanical Outline

All dimensions are in millimeters



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