

SAC1192



Low Noise Slopping Amplifier Module 0.5~4GHz NF 0.9dB

v1.4

Features

- Frequency: 0.5~4GHz
- Gain: 35dB@0.5GHz, 45dB@4GHz
- Noise Figure: 0.9dB Typ.
- Supply Voltage: +8V~+15V@200mA

Typical Applications

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

General Description

SAC1192 is a low noise slopping amplifier module with a typical small signal gain of 35dB@0.5GHz, 45 dB Gain @ 4 GHz, and a nominal OP₋₁dB of +12dBm.

Electrical Performance

Parameter	Min.	Typ.	Max.	Units	
Frequency Range	0.5~4			GHz	
Gain	0.5GHz	—	35	—	dB
	4GHz	—	45	—	
Linearity	—	—	±2	dB	
Input VSWR	—	1.4	1.6	:1	
Output VSWR	—	1.4	1.6	:1	
Noise Figure	—	0.9	1.3	dB	
Output Power for 1 dB Compression (OP ₋₁ dB)	12	—	—	dBm	
RF shielding	100	—	—	dB	
Supply Current(I _b)	—	200	—	mA	

SuperApex Corporation

Address: 1580 S. Milwaukee, Ave. Suite 405, Libertyville, IL 60048, USA
Tel: 1-847-573-9866, 1-847-505-8319
E-mail: sales@superapexco.com
Website: www.superapexco.com

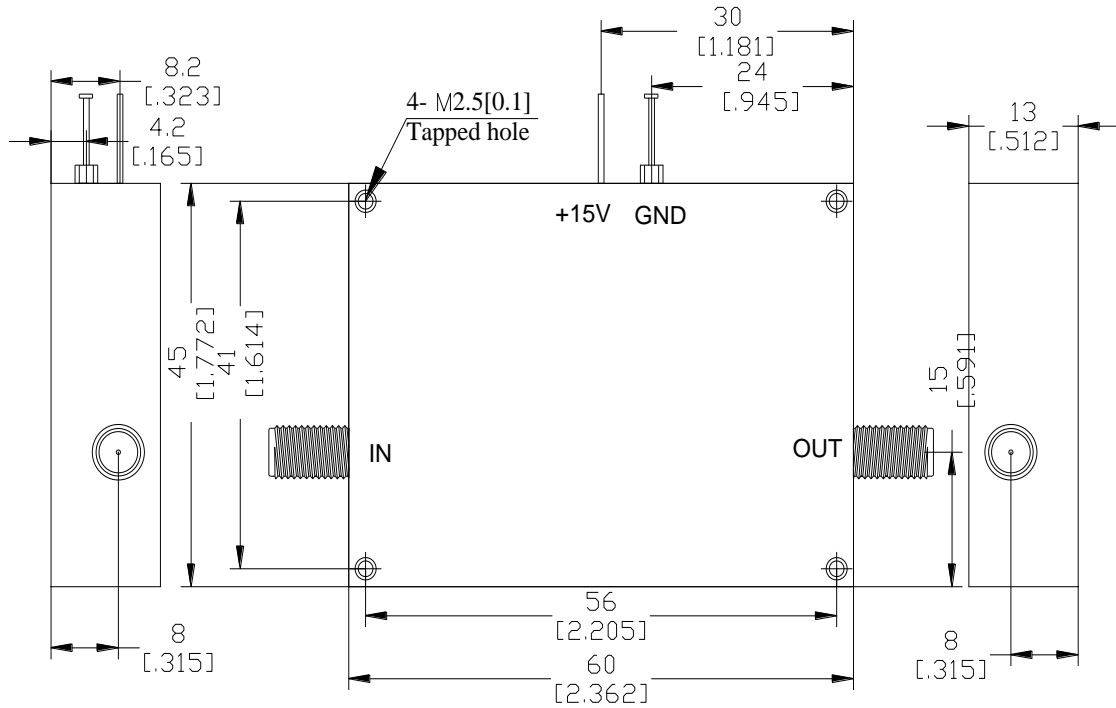
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Mechanical Outline

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