SAC1248

Slopping Amplifier Module
0.4~6GHz **Pre 1.3**

Features
- Frequency: 0.4 ~ 6GHz
- Gain: 30dB@0.4GHz, 40dB@6GHz
- Supply Voltage: +15V@250mA

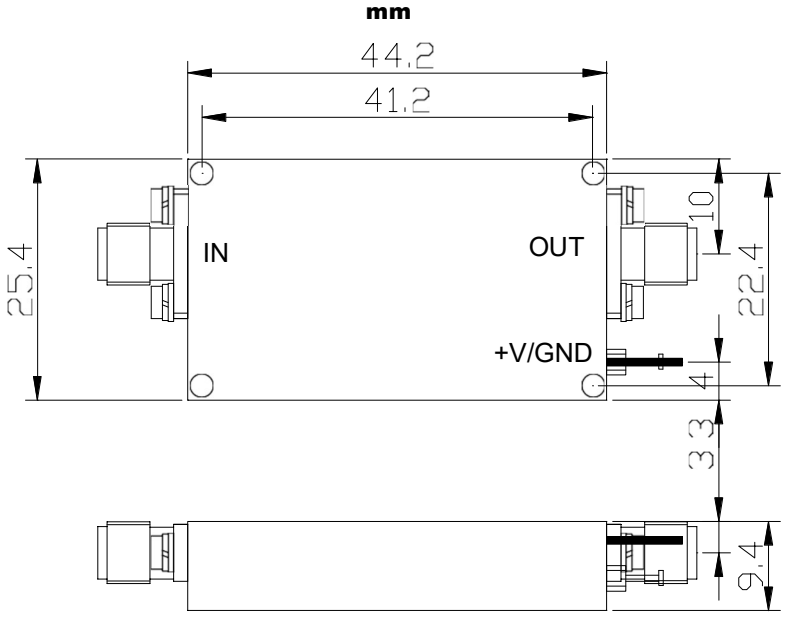
Typical Applications
- Radar and ECM
- RF/ Microwave Radio
- Military and Space
- Test and Measurement
- Fiber Optics

General Description
Slopping amplifier module typical small signal gain is 30dB@0.4GHz, 40 dB Gain @ 6 GHz, and a nominal $OP_{-1}dB$ of 20dBm.

Electrical Performance

Parameter		Min.	Typ.	Max.	Units
Frequency Range			0.4 ~ 6		GHz
Gain	0.4GHz	27.8	30	32.2	dB
	6GHz	37.8	40	42.2	
Linearity		—	—	±2.2	dB
Input VSWR		—	—	2.5	:1
Output VSWR		—	—	2.5	:1
Noise Figure		—	—	4	dB
Output Power for 1 dB Compression ($OP_{-1}dB$)		20	—	—	dBm
EMI Radiation		100	—	—	dBc
Supply Current (I_D)		—	250	300	mA

Mechanical Outline



RoHS

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