

# Low Noise Amplifier (Millimeter-wave)



Model: MLA009013-10

Microot Microwave co., Ltd.

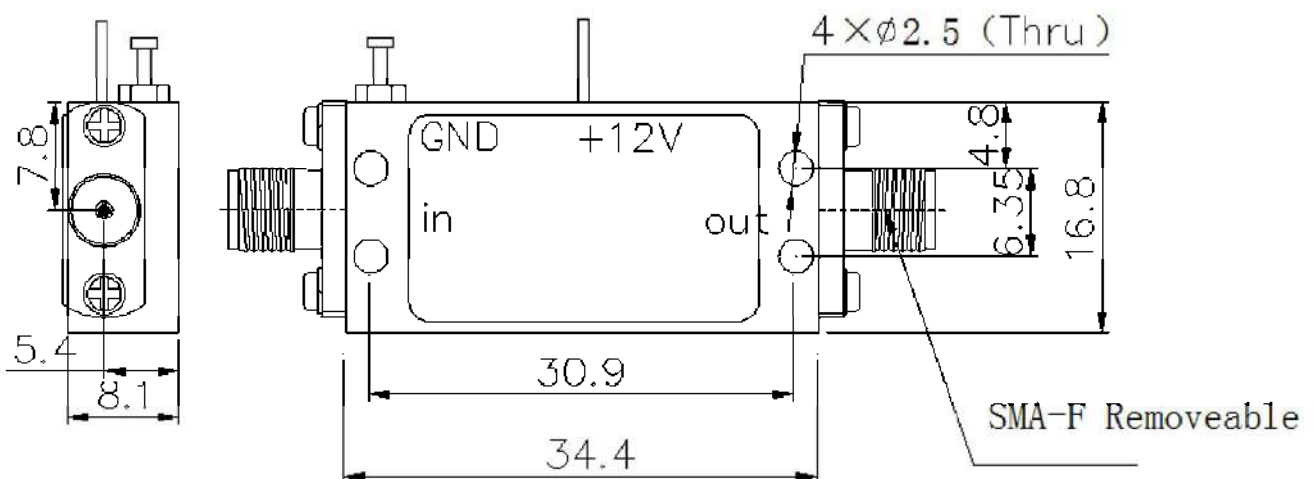
## Low Noise Amplifier



### Features

1. Input power exceeding 20dBm may cause permanent damage.
- 2 . Operating voltage : +12V or +5V .
- 3 . These devices sensitive to electrostatic discharge (ESD) and can be damaged by static electricity. Proper ESD control techniques should used when handling these devices.

### Outline Drawing Unit: mm



### Elec. Spec. "50Ω"

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Freq. Range (GHz)	0.96~1.3
NF. (dB) Max	0.8
Gain (dB) Min	30
Gain Fla. (dB) Max	±0.3
P-1 (dBm) Min	10
IP3 (dBm) Min	20
VSWR Max	1.5
Power Supply (Typ)	+5V / 100mA
Connectors	SMA-Female
Oper. Temp. (°C )	-20~+70
Stor. Temp.(°C)	-55~+85