

# Low Noise Amplifier (Millimeter-wave)



Model: MLA080120-10

Microot Microwave co., Ltd.

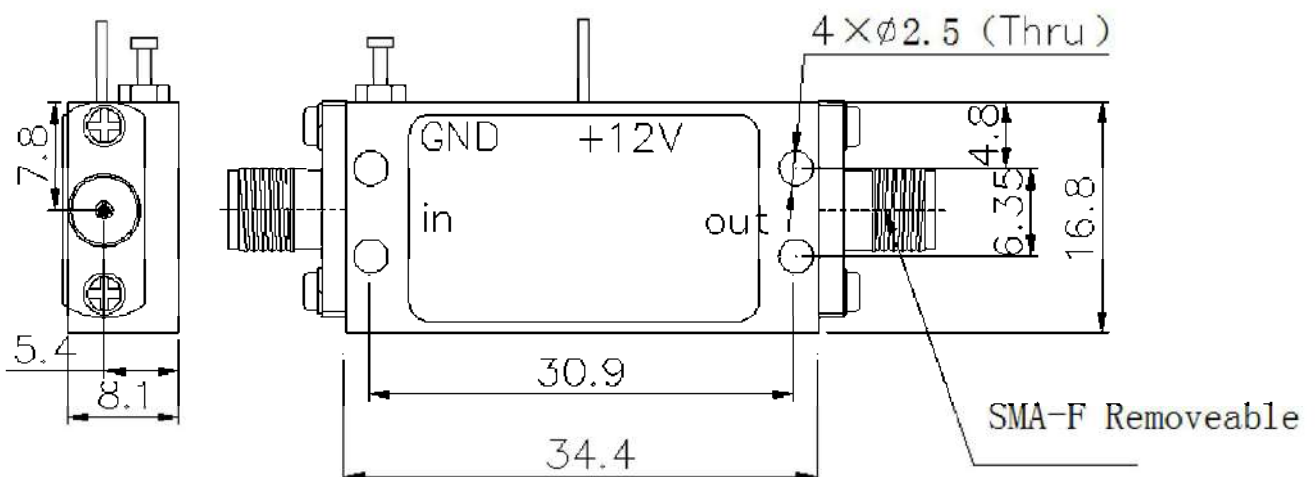
## Low Noise Amplifier



### 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)	8-12
NF. (dB) Max	1.3
Gain (dB) Min	30
Gain Fla. (dB) Max	±1.5
P-1 (dBm) Min	10
IP3 (dBm) Min	18
VSWR Max	2
Power Supply (Typ)	+10V / 150mA
Connectors	SMA-Female
Oper. Temp. (°C )	-20~+70
Stor. Temp.(°C)	-55~+85