

# Low Noise Amplifier (Millimeter-wave)



Model: MLA027035-20

Microot Microwave co., Ltd.

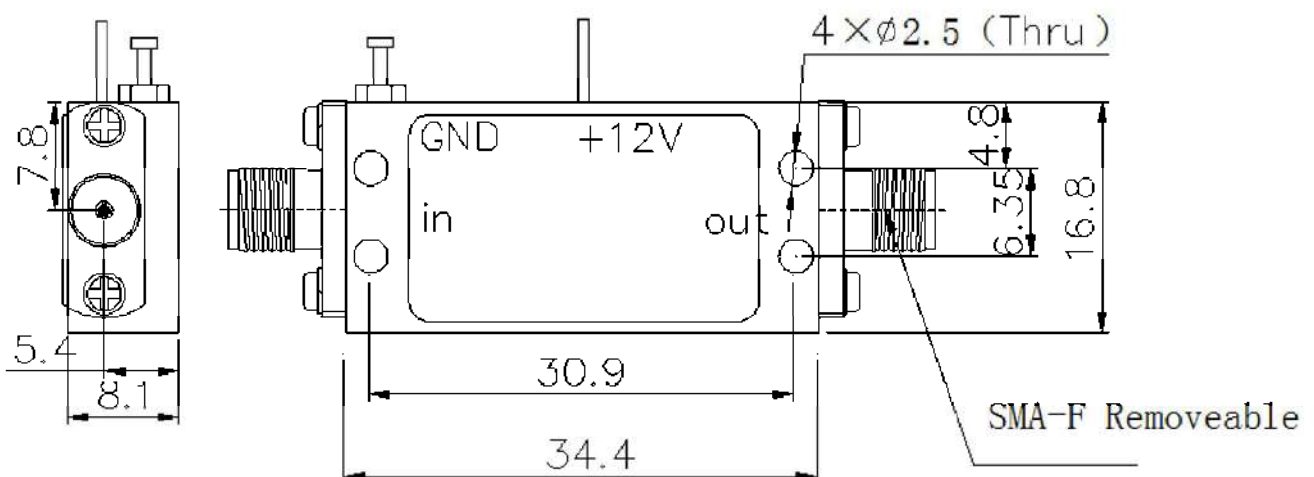
## Low Noise Amplifier



### 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. "50 $\Omega$ "

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Freq. Range (GHz)	2.7 ~ 3.5
NF. (dB) Max	0.6
Gain (dB) Min	30
Gain Fla. (dB) Max	$\pm 0.5$
P-1 (dBm) Min	10
IP3 (dBm) Min	20
VSWR Max	1.5
Power Supply (Typ)	+5V / 130mA
Connectors	SMA-Female
Oper. Temp. ( $^{\circ}$ C )	-20~+70
Stor. Temp.( $^{\circ}$ C)	-55~+85