

Low Noise Amplifier



10M~50GHz LNA , 30dB Gain ,3dB Gain
Flatness, 4.5dB NF

GZLNA000500-30

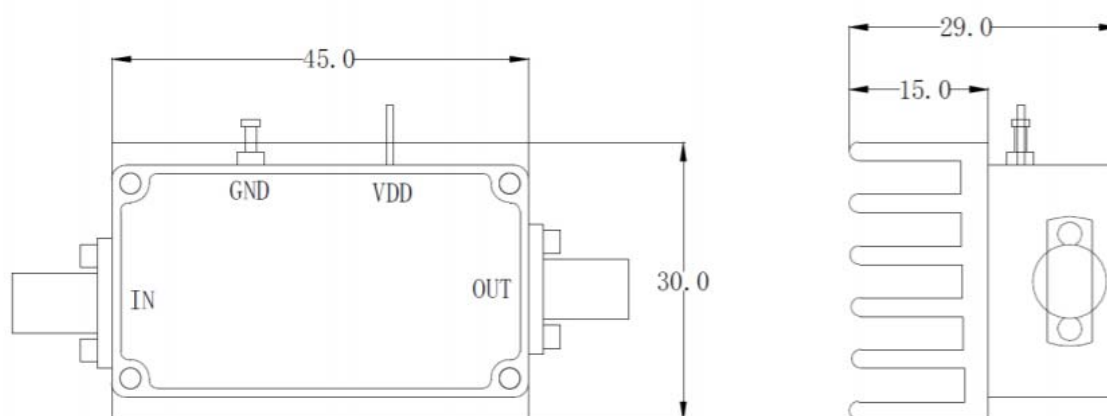
Electrical Specifications

Frequency Range	10M~ 50GHz
Gain(dB)	10M-45G:38 45G-50G:32
Noise Figure (dB)	4.5(typ)
Gain Flatness (dB)	±3.0
Psat (dBm)	10M-40G:23 40G-50G:14
Output at 1dB Compression Point (dBm)	20(typ)
Input Return Loss (dB)	10
Output Return Loss (dB)	10
Operating DC Voltage(volts)	9
Operating DC Current(mA)	400

Absolute Maximum Ratings

Source Voltage(volts)	+9
RF Input Power (dBm)	+5
Operating Temperature(.c)	0 ~ 50
Storage Temperature(.c)	-30~+85

Outline Drawing



Notes