

Low Noise Amplifier

Gwave®

0.1-10GHz LNA , 30dB Gain , 3.5dB NF
SMA-K

GWLNA001100-30

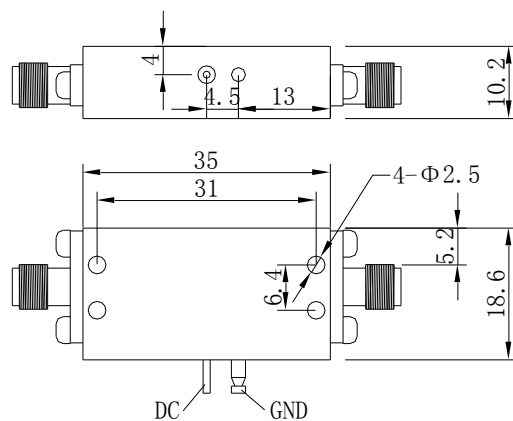
Electrical Specifications

Frequency Range(GHz)	0.1 ~ 10
Gain(dB)	30
Noise Figure (dB)	3.5
Gain Flatness (dB)	±2.0
Output at 1dB Compression Point (dBm)	15
Input Return Loss (dB)	12(8 to 20)
Output Return Loss (dB)	15(12 to 18)
Operating DC Voltage(volts)	12
Operating DC Current(mA)	150

Absolute Maximum Ratings

Source Voltage(volts)	+13
RF input Power (dBm)	-15
Operating Temperature(.c)	-20 ~ 70
Storage Temperature(.c)	-55~100

Outline Drawing



UNIT:mm XB-02A

Notes