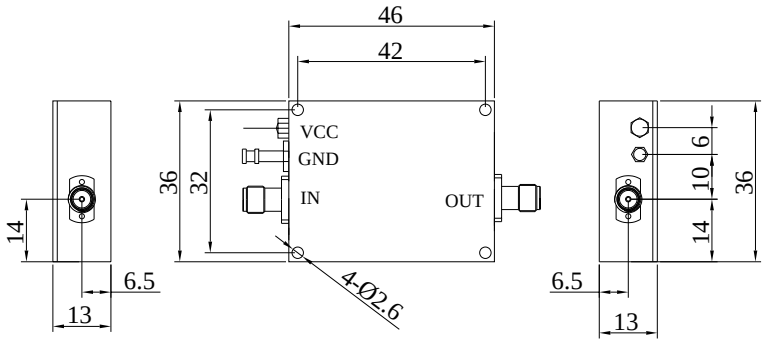
Datasheet

SMA Female Low Noise Amplifier (LNA) | 25dB Gain | 3dB Noise Figure | 5M - 200MHz

P/N: GWLNA005200M-25





Dimensions are in mm

Product Configuration

Connector-In Series	SMA
Connector-In Polarity	Standard
Connector-In Gender	Female
Connector-In Impedance (Ohm)	50
Connector-Out Series	SMA
Connector-Out Polarity	Standard
Connector-Out Gender	Female
Connector-Out Impedance (Ohm)	50

Electrical Specifications

Frequency Range	5MHz to 200MHz
Return Loss or VSWR Input	2.0
Return Loss or VSWR Output	2.0
Gain, Typical (dB)	25
Gain Flatness (dB)	±1.0
P-1dB (dBm)	13
Noise Figure, Max (dB)	3.0
Voltage, DC Typ (Volts)	+12
Voltage, DC Max (Volts)	+20
Max Input Power (dBm)	10

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SMA Female Low Noise Amplifier (LNA) | 25dB Gain | 3dB Noise Figure | 5M - 200MHz

P/N: GWLNA005200M-25

Mechanical Data

Min. Mating Cycles	≥500
Weight (g)	70 g
Body Material	Aluminum

Enviromental Specifications

RoHS Compliant	Yes
Operating Temperature Range	-40°C to +85°C
Storage Temperature Range	-55 ºC to +85 ºC