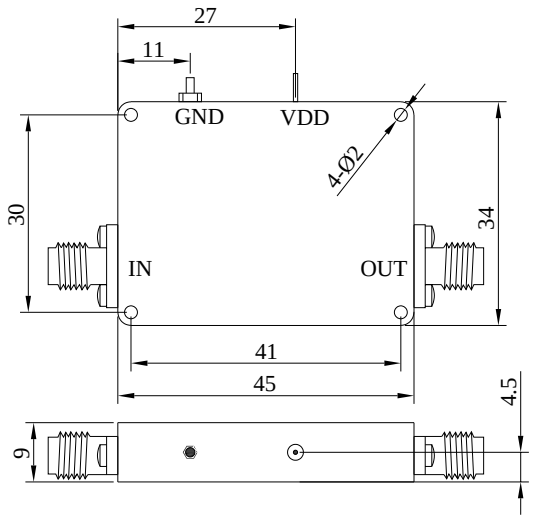
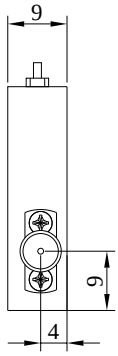
SMA Female Low Noise Amplifier (LNA) | 28dB Gain | 5dB Noise Figure | 0.05 - 20GHz

P/N: LNA-50K20G-G28-P15







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	50kHz~20GHz
Return Loss or VSWR Input	>-10dB
Return Loss or VSWR Output	>-10dB
Gain, Typical (dB)	30
P-1dB (dBm)	14
Noise Figure, Max (dB)	5.0
Voltage, DC Typ (Volts)	+12
Voltage, DC Max (Volts)	+15
Max Input Power (dBm)	-10
Psat(dBm)	15

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P/N: LNA-50K20G-G28-P15

Mechanical Data

Min. Mating Cycles	≥500
Weight (g)	34 g
Body Material	Aluminum
Body Plating	Nickel

Enviromental Specifications

RoHS Compliant	Yes
Operating Temperature Range	0°C to +85°C
Storage Temperature Range	0°C to +85°C