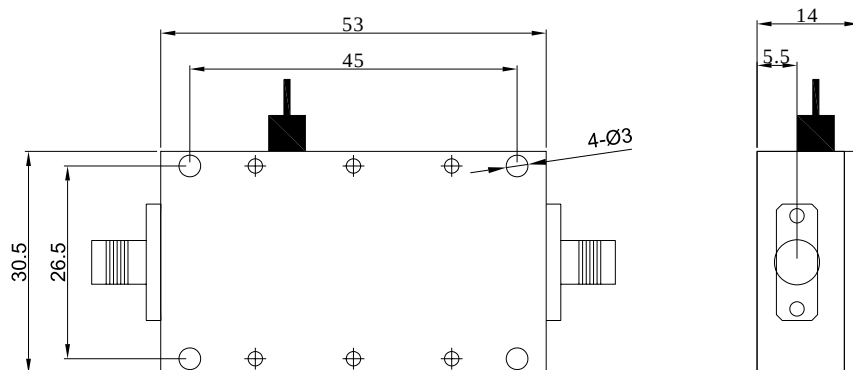


**SMA Female Low Noise Amplifier (LNA) | 34dB Gain | 1.6dB Noise Figure | 0.5 - 6GHz**

P/N: LNA-500M6G-G34-P12



Dimensions are in mm

## Product Configuration Cable

|                               |          |
|-------------------------------|----------|
| 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         | 0.5-6GHz |
| Gain, Typical (dB)      | 34       |
| P-1dB (dBm)             | 12       |
| Noise Figure, Max (dB)  | 1.6      |
| Voltage, DC Typ (Volts) | +5       |
| Current, Max (mA)       | 70       |
| Max Input Power (dBm)   | 0        |

**SMA Female Low Noise Amplifier (LNA) | 34dB Gain | 1.6dB Noise  
Figure | 0.5 - 6GHz**

**P/N: LNA-500M6G-G34-P12**

## Mechanical Data

|                    |      |
|--------------------|------|
| Min. Mating Cycles | ≥500 |
| Weight (g)         | 47 g |

## Enviromental Specifications

|                |     |
|----------------|-----|
| RoHS Compliant | Yes |
|----------------|-----|