

## Low Noise Amplifier

**Gwave®**

1.1-1.7GHz LNA ,2dB NF, 37dB Gain ,  
SMA-K

**GHLNA011017-37**

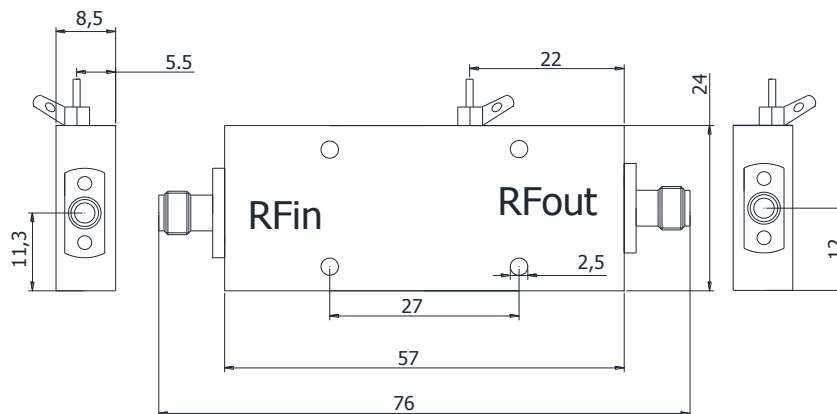
### Electrical Specifications

|                                       |              |
|---------------------------------------|--------------|
| Frequency Range( GHz )                | 1.1 ~ 1.7    |
| Gain(dB)                              | 37           |
| Noise Figure (dB)                     | 1.9          |
| Gain Flatness (dB)                    | ±1.5         |
| Output at 1dB Compression Point (dBm) | 8            |
| Input Return Loss (dB)                | 12(10 to 15) |
| Output Return Loss (dB)               | 11(10 to 14) |
| Operating DC Voltage(volts)           | 5            |
| Operating DC Current(mA)              | 70           |

### Absolute Maximum Ratings

|                           |          |
|---------------------------|----------|
| Source Voltage(volts)     | +15      |
| RF Input Power (dBm)      | +18      |
| Operating Temperature(.c) | -40 ~ 85 |
| Storage Temperature(.c)   | -55~85   |

### Outline Drawing



Dimensions are in mm

### Notes