

# Low Noise Amplifier

## LNA-0040-3020

### 1. Technical Specifications(25°C)

| Item                   | Minimum | Typical           | Maximum | Unit |
|------------------------|---------|-------------------|---------|------|
| Frequency Range        | 50k     | -                 | 40      | GHz  |
| Gain                   | 28      | 30                | -       | dB   |
| Noise Figure           | -       | 5.5               | -       | dB   |
| Output Power P-1dB     | -       | 20                | -       | dBm  |
| Saturated Output Power | 16      | 21                | -       | dBm  |
| Supply Voltage         | 10      | 12                | 13      | VDC  |
| Supply Current         | -       | 340               | -       | mA   |
| Input VSWR             | -       | 1.8               | 2.5     | : 1  |
| Output VSWR            | -       | 1.8               | 2.5     | : 1  |
| Maximum Input Power    | -       | 5                 | -       | dBm  |
| Overall Dimensions     | -       | 35×40×12          | -       | mm   |
| Connector Interface    | -       | 2.92mm Female     | -       | -    |
| Housing Construction   | -       | Brass Gold Plated | -       | -    |

## 2.Outline Dimensions (Unit: mm)

