

# Low Noise Amplifier

## MX-LNA-0006-5018

### 1. Technical Specifications(25°C)

| Item                   | Minimum | Typical           | Maximum | Unit |
|------------------------|---------|-------------------|---------|------|
| Frequency Range        | 0.02    | -                 | 6       | GHz  |
| Gain                   | 48      | 50                | -       | dB   |
| Noise Figure           | -       | 2.5               | -       | dB   |
| Output Power P-1dB     | -       | 18                | -       | dBm  |
| Saturated Output Power | -       | 19.5              | -       | dBm  |
| Supply Voltage         | -       | 8                 | 12      | VDC  |
| Supply Current         | -       | 280               | -       | mA   |
| Input VSWR             | -       | 1.8               | -       | : 1  |
| Output VSWR            | -       | 1.8               | -       | : 1  |
| Maximum Input Power    | -       | 5                 | -       | dBm  |
| Overall Dimensions     | -       | 44.8×29.2×11      | -       | mm   |
| Connector Interface    | -       | SMA Female        | -       | -    |
| Housing Construction   | -       | Brass Gold Plated | -       | -    |

## 2.Outline Dimensions (Unit: mm)

