

## NPA-27000-31000-30-23

27~31GHz, 30dB, 23dBm

Power Amplifier

**Features:**

- \* Small Size
- \* Low Power Consumption

**Applications:**

- \* Wireless
- \* Transmitter
- \* Laboratory Test

### Electrical

Frequency:	27~31GHz
Gain:	30dB min.
Gain Flatness:	±1.5dB typ.
Output Power (P1dB):	23dBm min.
Spurious:	-60dBc max.
Input VSWR:	1.8 typ.
Output VSWR:	2 typ.
Voltage:	+12V DC
Current:	300mA typ.
Input Power:	+10dBm max.
Impedance:	50Ω

### Mechanical

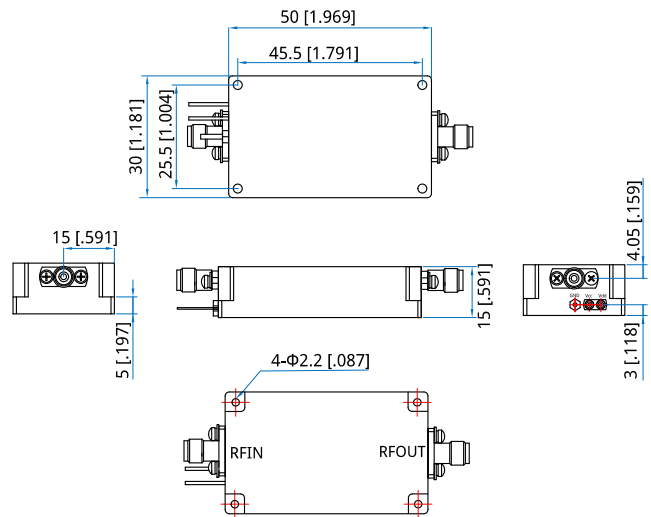
Size*1:	50*30*15mm 1.969*1.181*0.591in
Weight:	200g max.
RF Connectors:	2.92mm Female
Mounting:	4-Φ2.2mm through-hole

[1] Exclude connectors.

### Environmental

Operating Temperature:	-20~+50°C
Non-operating Temperature:	-40~+85°C

### Outline Drawings



Unit: mm [in]  
Tolerance: ±0.2mm [±0.008in]

### How To Order

**NPA-27000-31000-30-23**

Customization is available upon request.