



# NPA-30-500-32-37S

0.03~0.5GHz, 32dB, 37dBm

Power Amplifier

**Features:**

- \* Small Size
- \* Low Power Consumption

**Applications:**

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

### Electrical

Frequency:	0.03~0.5GHz
Gain:	32dB min.
Gain Flatness:	±1.5dB typ.
Output Power (Psat):	37dBm min.
Spurious:	-70dBc max.
VSWR:	2 max.
Voltage:	+12V DC
Current:	1.5A typ.
Input Power:	8dBm max.
Impedance:	50Ω

### Mechanical

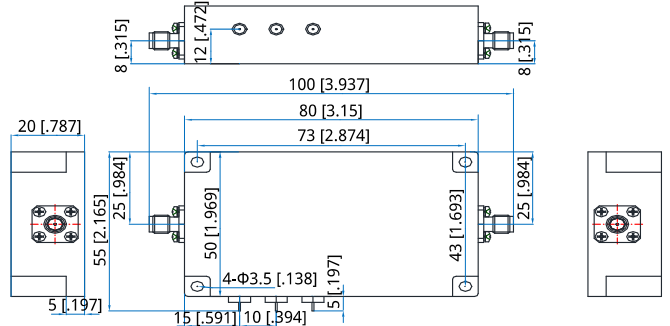
Size <sup>*1</sup> :	80*50*20mm 2.953*0.709*0.472in
RF Connectors:	SMA Female
Power Supply Interface:	Feed Through/Terminal Post
Mounting:	4-Φ3.5mm through-hole

[1] Exclude connectors.

### Environmental

Operating Temperature: -40~+50°C

### Outline Drawings



Unit: mm [in]

Tolerance: ±0.2mm [±0.008in]

### How To Order

**NPA-30-500-32-37S**

Customization is available upon request.