

# NPA-0.1-500-43-40

0.1~500MHz, 43dB, 40dBm

Power Amplifier

**Features:**

- \* Small Size
- \* Low Power Consumption

**Applications:**

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

**Electrical**

Frequency:	0.1~500MHz
Gain:	43dB min.
Gain Flatness:	±2.5dB typ.
Output Power (P1dB):	40dBm typ.
Spurious:	-50dBc typ.
Harmonic:	-12dBc typ.
Input VSWR:	1.45 typ.
Output VSWR:	2 typ.
Voltage:	+24V DC
Input Power:	3dBm max.

**Mechanical**

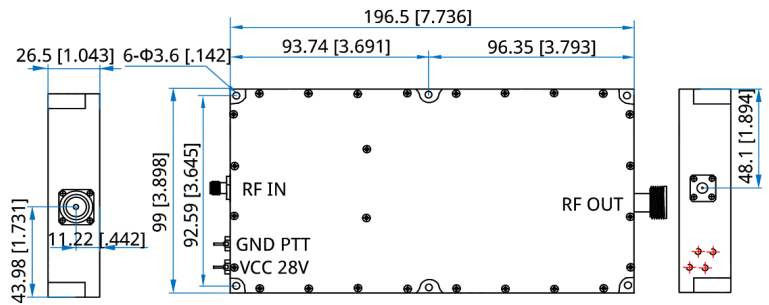
Size <sup>*1</sup> :	200*101*27.8mm 7.874*3.976*1.094in
RF Connectors:	SMA Female
Power Supply Connectors:	Feed Through/Terminal Post
Mounting:	6-Φ3.2mm through-hole

[1] Exclude connectors.

**Environmental**

Operating Temperature: -10~+50°C

**Outline Drawings**



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

**How To Order**

**NPA-0.1-500-43-40**

Customization is available upon request.