

# NPA-20-6000-40-36

0.02~6GHz, 40dB, 36dBm

Power Amplifier

**Features:**

- \* Small Size
- \* Low Power Consumption

**Applications:**

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

**Electrical**

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Frequency:	0.02~6GHz
Small Signal Gain:	40dB typ.
Gain Flatness:	±4dB typ. @Psat
Input Power:	0dBm typ.
Output Power (Psat):	38dBm min.
Output Power (P1dB):	36dBm min.
Noise Figure:	8dB typ.
Current:	1A typ.
Voltage:	+15V DC
Harmonic:	-10dBc max.@Output Power
	37dBm
VSWR:	2.5 typ.
Impedance:	50Ω

**Mechanical**

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Size*1:	135*100*25mm
	5.315*3.943*0.985in
RF Connectors:	SMA Female
Control Interface:	DB9

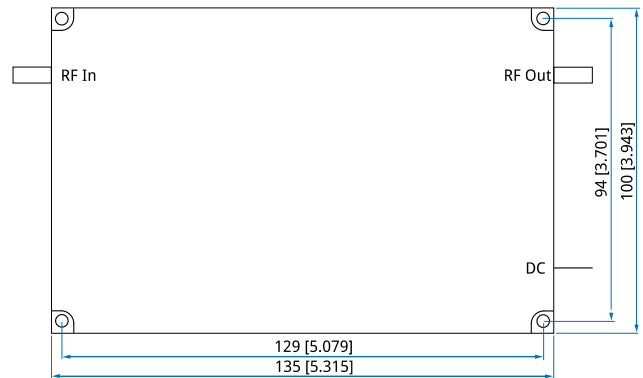
[1] Exclude connectors.

**Environmental**

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Operating Temperature:	-40~+65°C
Non-operating Temperature:	-40~+85°C

**Outline Drawings**



Unit: mm [in]

Tolerance: ±0.2mm [±0.008in]

**How To Order**

**NPA-20-6000-40-36**

Customization is available upon request.

