

# NPA-1805-1880-45-40

1805~1880MHz, 45dB, 40dBm

Power Amplifier

**Features:**

- \* Small Size
- \* Low Power Consumption

**Applications:**

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

**Electrical**

Frequency:	1805~1880MHz
Power Gain:	45dB typ.
Gain Flatness:	±0.75dB typ.
Output Power (P1dB):	40dBm typ.
Spurious:	-60dBc typ. (DC~10GHz@Pout=40dBm)
2 <sup>th</sup> Harmonic:	-40dBc typ.
Input VSWR:	1.45 typ.
Output VSWR:	2 typ.
Voltage:	+30V DC
Input Power:	-2dBm max.

**Mechanical**

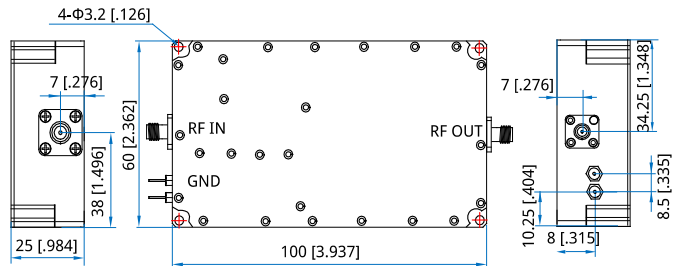
Size*1:	100*60*25mm 3.937*2.362*0.984in
RF Connectors:	SMA female
Power Supply Interface:	Feed through
Mounting:	4-Φ3.2mm through-hole
Cooling:	Forced Air

[1] Exclude connectors.

**Environmental**

Operating Temperature: -10~+50°C

**Outline Drawings**



Unit: mm [in]

Tolerance: ±0.2mm [±0.008in]

**How To Order**

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Customization is available upon request.