



# NPA-8000-12000-45-46S

Power Amplifier

8~12GHz, 45dB, 46dBm

**Features:**

- \* Small Size
- \* Low Power Consumption

**Applications:**

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

**Electrical**

Frequency:	8~12GHz
Gain:	45dB min.
Gain Flatness:	±2dB typ.
Output Power (Psat):	46dBm min.
Spurious:	-60dBc max.
Harmonic:	-15dBc typ.
Input VSWR:	1.5 typ.
Output VSWR:	2 typ.
Voltage:	+28V DC

**Mechanical**

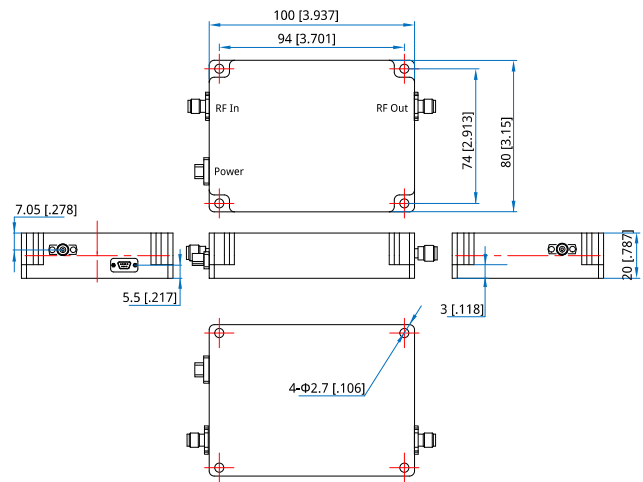
Size*1:	100*80*20mm 3.937*3.15*0.787in
RF In Connectors:	SMA Female
RF Out Connectors:	N Female
Power Supply Interface:	DB-9S

[1] Exclude connectors.

**Environmental**

Operating Temperature:	-20~+60°C
Non-operating Temperature:	-40~+85°C

**Outline Drawings**



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

**How To Order**

**NPA-8000-12000-45-46S**

Customization is available upon request.

