

## NPA-8500-10500-25-43S

8.5~10.5GHz, 25dB, 43dBm

Power Amplifier

**Features:**

- \* Small Size
- \* Low Power Consumption

**Applications:**

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

### Electrical

Frequency:	8.5~10.5GHz
Gain:	25dB typ.
Power Gain Flatness:	±0.5dB typ.
Output Power (Psat):	43dBm min.
Spurious:	-60dBc max.
Harmonic:	-15dBc typ.
Input VSWR:	1.5 typ.
Output VSWR:	2 typ.
Voltage:	+28V DC

### Mechanical

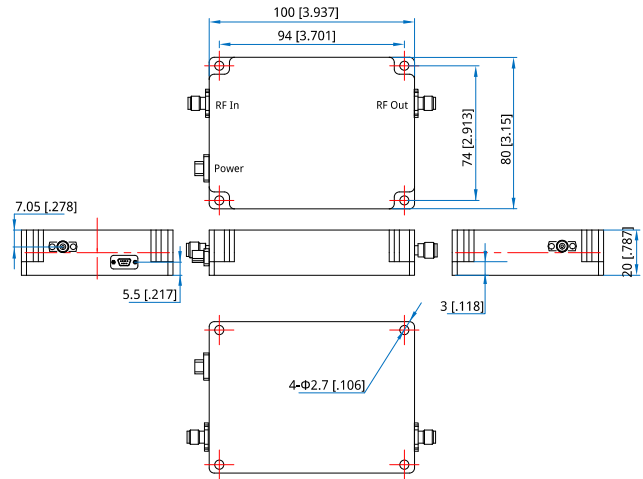
Size*1:	100*80*20mm 3.937*3.15*0.787in
RF Connectors:	SMA Female
Power Supply Interface:	DB-9S
Mounting:	4-Φ2.7mm through-hole

[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-8500-10500-25-43S**

Customization is available upon request.