

# NPA-12000-18000-25-30S

12~18GHz, 25dB, 30dBm

Power Amplifier

**Features:**

- \* Small Size
- \* Low Power Consumption

**Applications:**

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

**Electrical**

Frequency:	12~18GHz
Gain:	25dB min.
Gain Flatness:	±2dB typ.
Output Power (Psat):	30dBm min.
Spurious:	-65dBc max.
VSWR:	2.5 typ.
Voltage:	+5V DC
Current:	1.5A typ.
Impedance:	50Ω
Input Power:	+15dBm max.

**Mechanical**

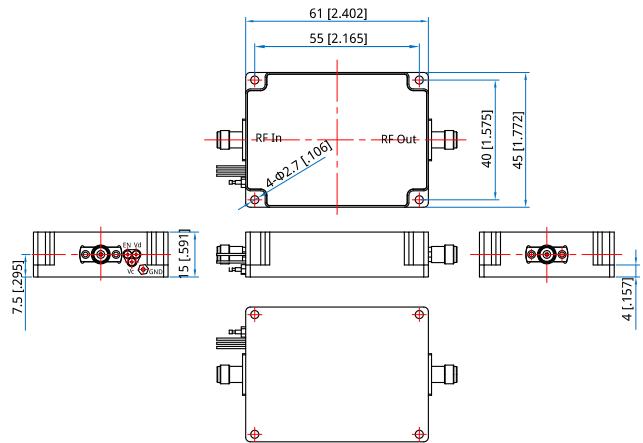
Size <sup>*1</sup> :	61*45*15mm 2.402*1.772*0.591in
Weight:	300g max.
RF Connectors:	SMA Female
Mounting:	4-Φ2.7mm through-hole

[1] Exclude connectors.

**Environmental**

Operating Temperature:	-20~+50°C
Non-operating Temperature:	-40~+85°C

**Outline Drawings**



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

**How To Order**

**NPA-12000-18000-25-30S**

Customization is available upon request.

