

# NPA-29500-31500-20-30

Power Amplifier

29.5~31.5GHz, 20dB, 30dBm

**Features:**

- \* Small Size
- \* Low Power Consumption

**Applications:**

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

**Electrical**

Frequency:	29.5~31.5GHz
Small Signal Gain:	20dB min.
Gain Flatness:	±1dB typ.
Output Power (P1dB):	30dBm min.
Spurious:	-60dBc max.
VSWR:	2 max.
Voltage:	+12V DC
Current:	0.8A typ.
Impedance:	50Ω
EN:	TTL High: On TTL Low/NC: Off

**Mechanical**

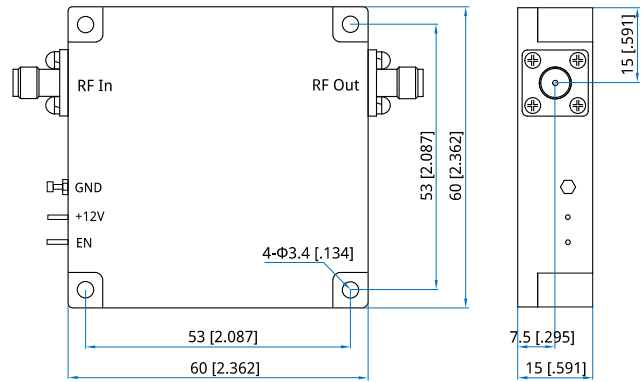
Size*1:	60*60*15mm 2.362*2.362*0.591in
Weight:	400g max.
RF Connectors:	2.92mm female
Power Supply Interface:	Feed through
Mounting:	4-Φ3.4mm through-hole

[1] Exclude connectors.

**Environmental**

Operating Temperature:	-10~+50°C
Non-operating Temperature:	-20~+60°C

**Outline Drawings**



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

**How To Order**

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Customization is available upon request.