

# NPA-20000-32000-22-21

20~32GHz, 22dB, 21dBm

**Features:**

- \* Small Size
- \* Low Power Consumption

**Applications:**

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

**Electrical**

Frequency:	20~32GHz
Gain:	22dB typ.
Gain Flatness:	±2.5dB typ.
Output Power (P1dB):	21dBm min.
Noise Figure:	3dB max.
Spurious:	-60dBc max.
Harmonic:	-15dBc typ.
Input VSWR:	2 typ.
Output VSWR:	2 typ.
Voltage:	+5V DC
Current:	500mA typ.

**Mechanical**

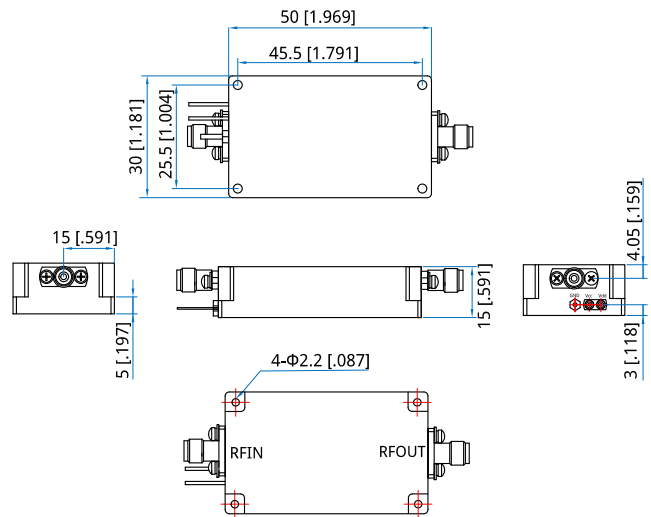
Size*1:	50*30*15mm 1.969*1.181*0.591in
RF Connectors:	2.92mm Female
Power Supply Connectors:	Feed Through/Terminal Post
Housing Material:	Aluminum
Mounting:	4-Φ2.2mm through-hole
Cooling:	External Heatsink (supplied on request only)

[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**

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Customization is available upon request.