

# QPA-500-6000-30-37

## 0.5~6GHz, 30dB, 37dBm

**Features:**

- \* Small Size
- \* Low Power Consumption

**Applications:**

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

**Electrical**

Frequency:	0.5~6GHz
Gain:	30dB min.
Gain Flatness:	±3.5dB typ.
Output Power (P1dB):	37dBm typ.
Spurious:	-60dBc max.
VSWR:	2 typ.
Voltage:	+50V DC
Current:	1000mA typ.
Input Power:	+10dBm max.
Impedance:	50Ω
EN:	TTL High: On TTL Low/NC: Off

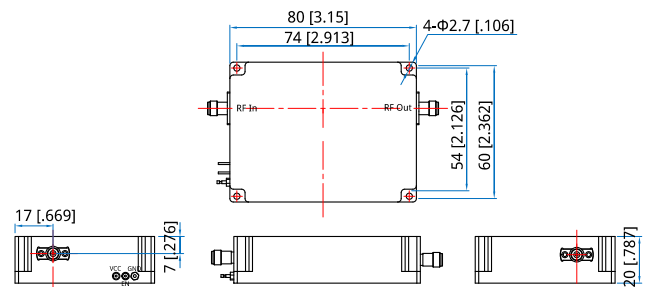
**Mechanical**

Size*1:	80*60*20mm 3.15*2.362*0.787in
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**

**QPA-500-6000-30-37**

Customization is available upon request.