

# QPA-30-1000-45-30S

0.03~1GHz, 45dB, 30dBm

**Features:**

- \* Small Size
- \* Low Power Consumption

**Applications:**

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

**Electrical**

|                      |             |
|----------------------|-------------|
| Frequency:           | 0.03~1GHz   |
| Gain:                | 40~45dB.    |
| Gain Flatness:       | ±2.5dB typ. |
| Output Power (Psat): | 30dBm min.  |
| Spurious:            | -60dBc max. |
| VSWR:                | 2 typ.      |
| Voltage:             | +28V DC     |
| Current:             | 500mA typ.  |
| Input Power:         | 0dBm max.   |
| Impedance:           | 50Ω         |

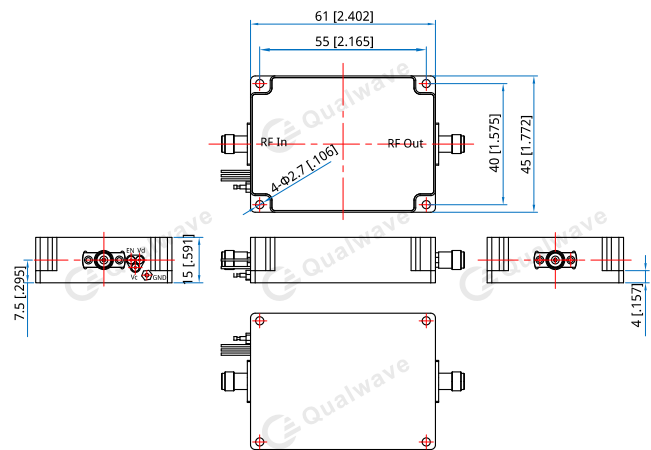
**Mechanical**

|                      |                                  |
|----------------------|----------------------------------|
| Size <sup>*1</sup> : | 61*45*15mm<br>3.15*2.362*0.591in |
| Weight:              | 300g max.                        |
| RF Connectors:       | SMA Female                       |

[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-30-1000-45-30S**

Customization is available upon request.