

## QPA-2-30-52-50S

2~30MHz, 52dB, 50dBm

**Features:**

- \* Small Size
- \* Low Power Consumption

**Applications:**

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

**Electrical**

|                      |             |
|----------------------|-------------|
| Frequency:           | 2~30MHz     |
| Gain:                | 52dB min.   |
| Gain Flatness:       | 1±1dB max.  |
| Input VSWR:          | 1.7 max.    |
| Output Power (Psat): | 50dBm min.  |
| Input Power:         | 2±1dBm      |
|                      | +6dBm max.  |
| Spurious:            | -65dBc max. |
| Harmonic:            | -10dBc max. |
| Voltage:             | 32V/19A VCC |
| PTT:                 | 5V (On)     |
| Current:             | 16A max     |
| Impedance:           | 50Ω         |

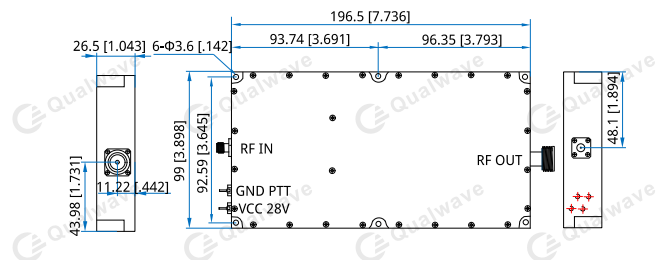
**Mechanical**

|                         |                            |
|-------------------------|----------------------------|
| Size*1:                 | 196.5*99*26.5mm            |
|                         | 7.736*3.898*1.043in        |
| RF In Connectors:       | SMA Female                 |
| RF Out Connectors:      | N Female                   |
| Mounting:               | 6-Φ3.6mm through-hole      |
| Power Supply Interface: | Feed Through/Terminal Post |

[1] Exclude connectors.

**Environmental**

|                        |           |
|------------------------|-----------|
| Operating Temperature: | -25~+55°C |
|------------------------|-----------|

**Outline Drawings**


Unit: mm [in]

Tolerance: ±0.5mm [±0.02in]

**How To Order**

**QPA-2-30-52-50S**

Customization is available upon request.