

## QPA-30-82-50-50S

30~82MHz, 50dB, 50dBm

### Features:

- \* Small Size
- \* Low Power Consumption

### Applications:

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

### Electrical

|                      |                       |
|----------------------|-----------------------|
| Frequency:           | 30~82MHz              |
| Gain:                | 50dB min.             |
| Gain Flatness:       | 2±1dB max.            |
| Input VSWR:          | 1.7 max.              |
| Output Power (Psat): | 50dBm min.            |
| Input Power:         | 4±1dBm<br>+10dBm max. |
| Spurious:            | -65dBc max.           |
| Harmonic:            | -10dBc max.           |
| Voltage:             | 32V/25A VCC           |
| PTT:                 | 3.3~5V (On)           |
| Current:             | 18~20A max.           |
| Impedance:           | 50Ω                   |

### Mechanical

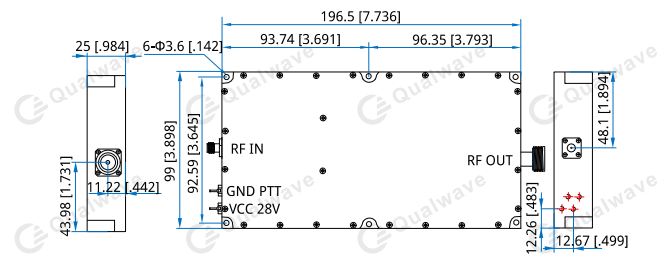
|                         |                                        |
|-------------------------|----------------------------------------|
| Size*1:                 | 196.5*99*26.5mm<br>7.736*3.898*1.043in |
| RF In Connectors:       | SMA Female                             |
| RF Out Connectors:      | 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-30-82-50-50S**

Customization is available upon request.