

## QPA-100-200-49-50S

0.1~0.2GHz, 49dB, 50dBm

**Features:**

- \* Small Size
- \* Low Power Consumption

**Applications:**

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

**Electrical**

|                      |                        |
|----------------------|------------------------|
| Frequency:           | 0.1~0.2GHz             |
| Gain:                | 49dB min.              |
| Gain Flatness:       | 1±1dB max.             |
| Input VSWR:          | 1.7 max.               |
| Output Power (Psat): | 50dBm min.             |
| Input Power:         | 1.5±1dBm<br>+5dBm max. |
| Spurious:            | -65dBc max.            |
| Harmonic:            | -12dBc max.            |
| Voltage:             | 28V/15A VCC            |
| PTT:                 | 3.3~5V (Off)           |
| Current:             | 8~10A max              |
| Impedance:           | 50Ω                    |

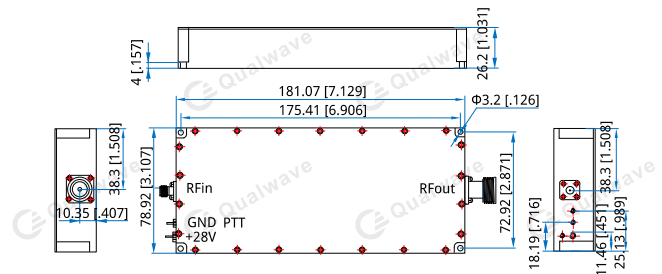
**Mechanical**

|                         |                                            |
|-------------------------|--------------------------------------------|
| Size*1:                 | 181.07*78.92*26.2mm<br>7.129*3.107*1.031in |
| RF In Connectors:       | SMA Female                                 |
| RF Out Connectors:      | N Female                                   |
| Mounting:               | 4-Φ3.2mm 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-100-200-49-50S**

Customization is available upon request.