

## QPA-9K-250-47-47S

9K~250MHz, 47dB, 47dBm

**Features:**

- \* Small Size
- \* Low Power Consumption

**Applications:**

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

**Electrical**

|                      |                       |
|----------------------|-----------------------|
| Frequency:           | 9K~250MHz             |
| Gain:                | 47dB min.             |
| Gain Flatness:       | 4±1dB max.            |
| Input VSWR:          | 2 max.                |
| Output Power (Psat): | 47dBm min.            |
| Input Power:         | 3±1dBm<br>+10dBm max. |
| Spurious:            | -65dBc max.           |
| Harmonic:            | -10dBc max.           |
| Voltage:             | 32V/16A VCC           |
| PTT:                 | 3.3~5V (On)           |
| Current:             | 6~9A max              |
| Impedance:           | 50Ω                   |

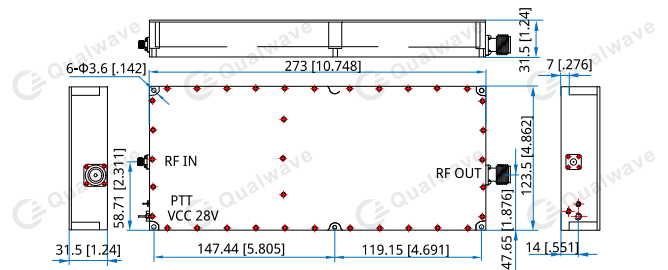
**Mechanical**

|                         |                                         |
|-------------------------|-----------------------------------------|
| Size*1:                 | 273*123.5*31.5mm<br>10.748*4.862*1.24in |
| 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-9K-250-47-47S**

Customization is available upon request.