

# QPA-30-300-47-50S

30~300MHz, 47dB, 50dBm

### Features:

- \* Small Size
- \* Low Power Consumption

## Applications:

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

## Electrical

Frequency:	30~300MHz
Gain:	47dB min.
Gain Flatness:	2±1dB max.
Input VSWR:	1.7 max.
Output Power (Psat):	50dBm min.
Input Power:	3±1dBm +10dBm max.
Spurious:	-65dBc max.
Harmonic:	-10dBc max.
Voltage:	28V/16A VCC
PTT:	3.3~5V (Off)
Current:	11A max.
Impedance:	50Ω

## Mechanical

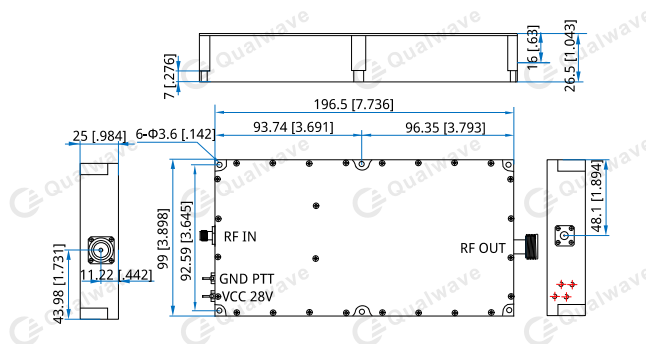
Size*1:	196.5*99*26.5mm 7.736*3.898*1.043in
RF In Connectors:	SMA Female
RF Out Connectors:	N Female
Mounting:	6-Φ3.6mm through-hole
Power Supply Interface:	Feed Through/Terminal Post

[1] Exclude connectors.

## Environmental

Operating Temperature: -25~+55°C

## Outline Drawings



Unit: mm [in]

Tolerance:  $\pm 0.5\text{mm}$  [ $\pm 0.02\text{in}$ ]

## How To Order

**QPA-30-300-47-50S**

Customization is available upon request.