

QPA-1000-6000-48-47S

1~6GHz, 48dB, 47dBm

Features:

- * Small Size
- * Low Power Consumption

Applications:

- * Wireless
- * Transmitter
- * Laboratory Test

Electrical

Frequency:	1~6GHz
Small Signal Gain:	48dB min.
Gain Flatness:	4±1dB max.
Input VSWR:	2 max.
Output Power (Psat):	47dBm min.
Input Power:	2±2dBm +6dBm max.
Spurious:	-65dBc max.
Harmonic:	-10dBc max.
Voltage:	28V/15A VCC +30V max.
PTT:	5V (On)
Current:	8~11A max.
Impedance:	50Ω

Mechanical

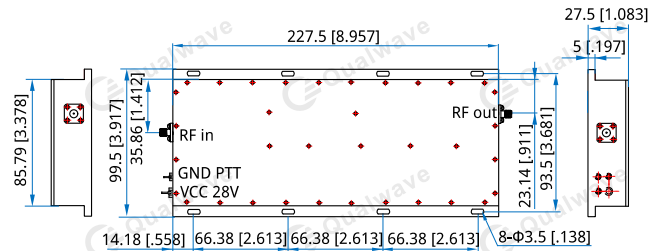
Size ^{*1} :	227.5*99.5*27.5mm 8.957*3.917*1.083in
RF In Connectors:	SMA Female
RF Out Connectors:	SMA Female
Mounting:	8-Φ3.5mm through-hole
Power Supply Interface ^{*2} :	Feed Through/Terminal Post

[1] Exclude connectors.

[2] The amplifier test requires the installation of a heat sink.

Environmental

Operating Temperature: -25~+55°C

Outline Drawings


Unit: mm [in]

Tolerance: ±0.5mm [±0.02in]

How To Order

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Customization is available upon request.