

QPA-100-1500-46-47S

0.1~1.5GHz, 46dB, 47dBm

Features:

- * Small Size
- * Low Power Consumption

Applications:

- * Wireless
- * Transmitter
- * Laboratory Test

Electrical

Frequency:	0.1~1.5GHz
Gain:	46dB min.
Gain Flatness:	3±1dB max.
Input VSWR:	2 max.
Output Power (Psat):	47±33dBm min.
Input Power:	3±1dBm +6dBm max.
Spurious:	-65dBc max.
Harmonic:	-10dBc max.
Voltage:	30~32V/8A VCC (Reference) +33V max.
PTT:	3.3~5V (On)
Current:	6A max.
Protection Function:	80 protection, Open protection
Impedance:	50Ω

Mechanical

Size ^{*1} :	210*101.31*28.5mm 8.268*3.989*1.122in
Weight:	950g
RF Connectors:	SMA Female
Mounting:	6-Φ3.2mm through-hole
Power Supply Connectors ^{*2} :	Feed Through/Terminal Post

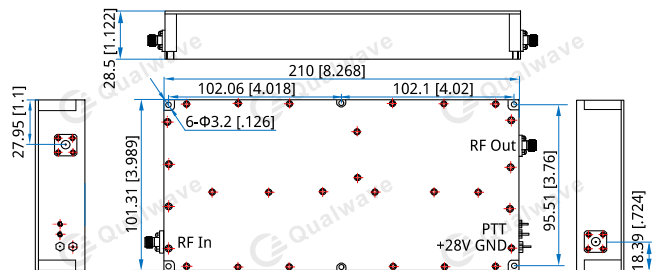
[1] Exclude connectors.

[2] Install heat sink during testing.

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.