

QPA-0.009-250-47-47S

9K~0.25GHz, 47dB, 47dBm

Features:

- * Small Size
- * Low Power Consumption

Applications:

- * Wireless
- * Transmitter
- * Laboratory Test

Electrical

Frequency:	9K~0.25GHz
Gain:	47dB min.
Gain Flatness:	3±1dB max.
Input VSWR:	2 max.
Output Power (Psat):	47dBm min.
Input Power:	3dBm +6dBm max.
Spurious:	-65dBc max.
Harmonic:	-20dBc max. @100W
Voltage:	28~32V/16A VCC +32V max.
PTT:	3.3~5V (On)
Current:	6~9A max.
Protection Function:	Over 80°C protection No open circuit protection
Impedance:	50Ω

Mechanical

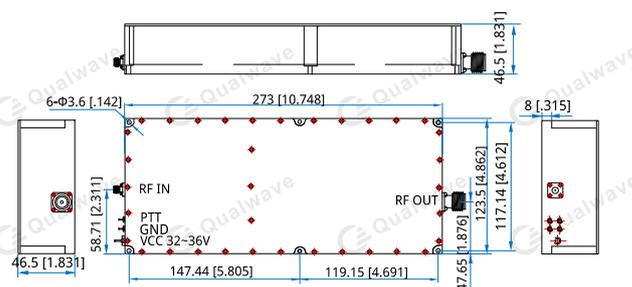
Size*1:	273*123.5*46.5mm 10.748*4.862*1.831in
RF In Connectors:	SMA female
RF Out Connectors:	N female
Mounting:	6-Φ3.6mm through-hole
Power Supply Interface*2:	Feed through/Terminal post

[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.