

QPA-8000-9000-40-40S

8~9GHz, 40dB, 40dBm

Features:

- * Small Size
- * Low Power Consumption

Applications:

- * Wireless
- * Transmitter
- * Laboratory Test

Electrical

Frequency:	8~9GHz
Gain:	40dB min.
Gain Flatness:	2±1dB
Output Power (Psat):	40dBm min.
Current:	3A max.
Voltage:	28V/6A +31V max.
Spurious:	-60dBc max.
Harmonic:	-20dBc @40dBm max.
Input VSWR:	1.7
Input Power:	1±1dBm
PTT:	5V (On)
Temperature Protection:	Higher than 80 degrees automatically shut down the amplifier, to 60 degrees, open the protection function to protect the amplifier
Impedance:	50Ω

Mechanical

Size ^{*1} :	115*76.5*25.5mm 4.528*3.012*1.004in
RF Connectors ^{*2} :	SMA Female
Mounting:	4-Φ3.8mm through-hole
Power Supply Interface ^{*3} :	Feed Through/Terminal Post

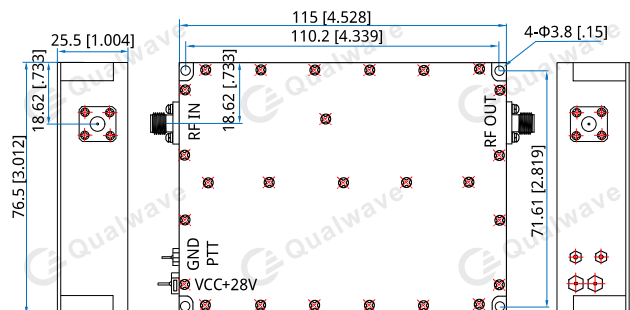
[1] Exclude connectors.

[2] Output with isolator.

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

Environmental

Operating Temperature: -25~+55°C

Outline Drawings


Unit: mm [in]

Tolerance: ±0.2mm [±0.008in]

How To Order

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Customization is available upon request.