

QPA-8000-12000-45-46.2S

8~12GHz, 45dB, 46.2dBm

Features:

- * Small Size
- * Low Power Consumption

Applications:

- * Wireless
- * Transmitter
- * Laboratory Test

Electrical

Frequency:	8~12GHz
Gain:	45dB min.
Gain Flatness:	±2dB typ.
Output Power (Psat):	46.2dBm min.
Input Power:	2dBm min.
Spurious:	-65dBc max.
Harmonic:	-15dBc max.
Input VSWR:	1.7 typ.
Voltage:	+28V typ.
PTT:	3.3~5V (On)
Current:	5~7A
Protection Function:	Over 80°C protection Open circuit protection

Mechanical

Size ^{*1} :	60*85*22mm 2.362*3.346*0.866in
RF In Connectors:	SMA Female
RF Out Connectors:	SMA Female
Power Supply Interface ^{*2} :	Feed Through/Terminal Post

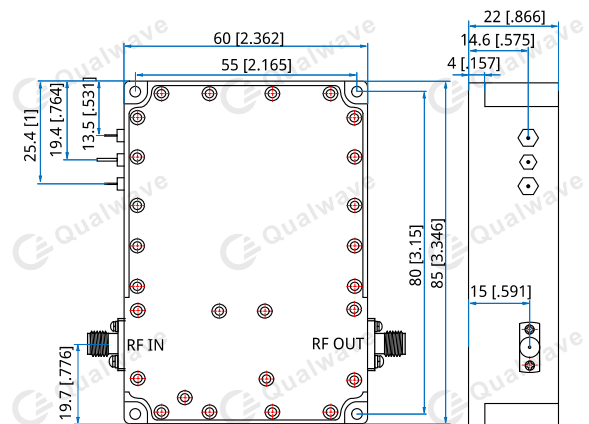
[1] Exclude connectors.

[2] Install heat sink during testing.

Environmental

Operating Temperature: -40~+55°C

Outline Drawings



Unit: mm [in]

Tolerance: ±0.2mm [±0.008in]

*The power amplifier module can be paired with a radiator and a fan.

How To Order

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Customization is available upon request.