

# QPA-2110-2170-50-50S

## 2.11~2.17GHz, 50dB, 50dBm

**Features:**

- \* Small Size
- \* Low Power Consumption

**Applications:**

- \* Wireless
- \* Transmitter
- \* Laboratory Test

### Electrical

Frequency:	2.11~2.17GHz
Gain:	50dB min.
Gain Flatness:	1±1dB max.
Output Power (Psat):	50dBm min.
Input Power:	1±1dBm
Spurious:	-65dBc max.
Harmonic:	-35dBc max.
Input VSWR:	1.7
Voltage:	28V/16A VCC (Reference) +31V max.
PTT:	+3.3~5V (On), switching time: 5µs max.
Current:	11A max
Protection Function:	80°C protection, Open protection
Impedance:	50Ω

### Mechanical

Size <sup>*1</sup> :	200*84.5*25.5mm 7.874*3.327*1.004in
Weight:	0.64kg
RF Connectors:	SMA Female
Power Supply Connectors <sup>*2</sup> :	4.2mm double row 6P female seat
Mounting:	5-Φ3.4mm through-hole

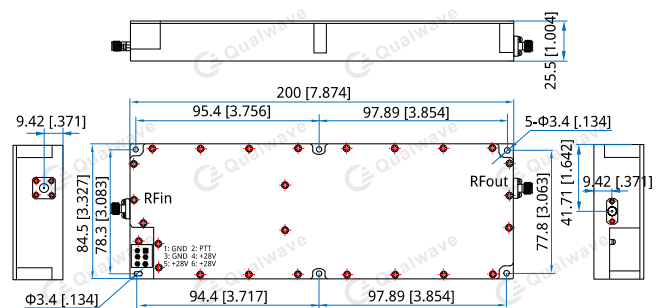
[1] Exclude connectors.

[2] Install heat sink during testing, outputs with isolators; Distribution 5557 connecting cable plug.

### Environmental

Operating Temperature: -25~+55°C

### Outline Drawings



Unit: mm [in]

Tolerance: ±0.2mm [±0.008in]

### How To Order

**QPA-2110-2170-50-50S**

Customization is available upon request.