

# QPA-2700-2900-42-50S

2.7~2.9GHz, 42dB, 50dBm

**Features:**

- \* Small Size
- \* Low Power Consumption

**Applications:**

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

**Electrical**

Frequency:	2.7~2.9GHz
Gain:	42dB min.
Gain Flatness:	1±1dB
Input VSWR:	1.7
Output Power (Psat):	50dBm min.
Input Power:	1±1dB
Spurious:	-65dBc max.
Harmonic:	-30dBc max.
Voltage:	30V/16A
	+31V max.
PTT:	5V (On)
Current:	11.5A max
Impedance:	50Ω

**Mechanical**

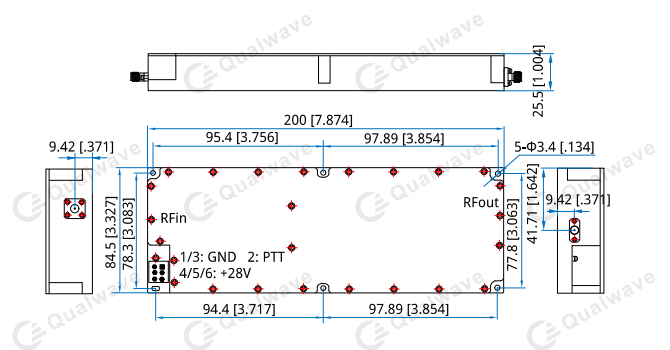
Size <sup>*1</sup> :	200*84.5*25.5mm
	7.874*3.327*1.004in
RF In Connectors:	SMA Female
RF Out Connectors:	SMA Female
Mounting:	5-Φ3.4mm through-hole
Protection:	Temperature/Open protect
Power Supply Interface <sup>*2</sup> :	4.2mm double row 5557-6P female seat

[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**

**QPA-2700-2900-42-50S**

Customization is available upon request.