

# QPA-4000-12000-43-43S

4~12GHz, 43dB, 43dBm

**Features:**

- \* Small Size
- \* Low Power Consumption

**Applications:**

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

**Electrical**

Frequency:	4~12GHz
Gain:	43dB min.
Gain Flatness:	±1.5dB typ.
Output Power (Psat):	43dBm min.
Spurious:	-60dBc typ.
Harmonic:	-10dBc typ.
Input VSWR:	2 typ.
Voltage:	+28~+32V@5.5A typ.
Input Power:	10dBm max.
Impedance:	50Ω

**Mechanical**

Size <sup>*1</sup> :	60*60*13mm 2.362*2.362*0.512in
RF Connectors:	SMA female

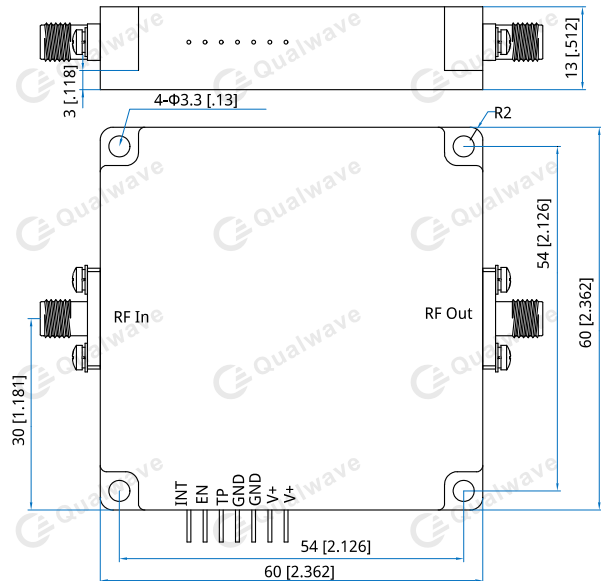
[1] Exclude connectors.

**DC Interface Connector**

PIN No.	Description	Specifications
1	V+	+28V~+32V
2	V+	+28V~+32V
3	GND	Power Ground
4	GND	Power Ground
5	TP	Temperature detection : T=V-0.5/0.01, Unit : V
6	EN	Amplifier Enable : TTL "High" (Logic 1) or Open Amplifier Disable : TTL "Low" (Logic 0)
7	INT	Current detection : I=( V-2.5 )/0.1, Unit : A

**Environmental**

Operating Temperature: -40~+50°C

**Outline Drawings**


Unit: mm [in]  
Tolerance: ±0.2mm [±0.008in]

**How To Order**

[QPA-4000-12000-43-43S](#)

Customization is available upon request.