

# QPA-1500-1700-48-50S

## 1.5~1.7GHz, 48dB, 50dBm

**Features:**

- \* Small Size
- \* Low Power Consumption

**Applications:**

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

**Electrical**

Frequency:	1.5~1.7GHz
Gain:	48dB typ.
Gain Flatness:	±1.5dB typ.
Output Power (Psat):	50dBm typ.
Spurious:	-60dBc typ.
	@DC~10GHz@Pout=50dBm
2 <sup>th</sup> Harmonic:	-30dBc typ. @Pout=50dBm
Input VSWR:	1.45 typ.
Output VSWR:	2.0 typ.
Voltage:	32V
Impedance:	50Ω
Input Power:	+5dBm max.

**Environmental**

Operating Temperature: -10~+50°C

**Indicator**

Pin	Function	Input/Output	Explain
A1	GND		
A2	32V	Input	
1	NC		
2	EN	Input	TTL High: on, TTL Low: off
3	Current	Output	
4	Temperature vs. Voltage	Output	0.5~1.5V/0~100 (10mV/ )
5	NC		

**Mechanical**

Size*1:	250*95*25mm 9.843*3.74*0.984in
RF In Connectors:	SMA Female
RF Out Connectors:	N Female
Power Supply Connectors:	D-SUB7W2
Mounting:	8-Φ3.5mm through-hole
Cooling:	Forced Air

**How To Order**

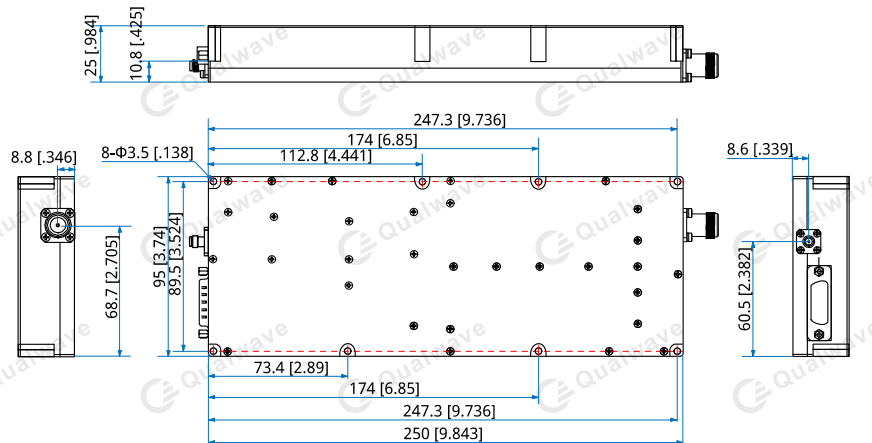
**QPA-1500-1700-48-50S**

Customization is available upon request.

[1] Exclude connectors.

**Outline Drawings**

( The picture is for reference only, subject to the actual object )



Unit: mm [in]

Tolerance: ±0.2mm [±0.008in]