

QPA-1500-1700-48-47S

1.5~1.7GHz, 48dB, 47dBm

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):	47dBm typ.
Spurious:	-60dBc typ.
	@DC~10GHz@Pout=47dBm
2 th Harmonic:	-35dBc typ. @Pout=47dBm
Input VSWR:	1.45 typ.
Output VSWR:	2.0 typ.
Voltage:	32V
Impedance:	50Ω
Input Power:	+3dBm 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

[1] Exclude connectors.

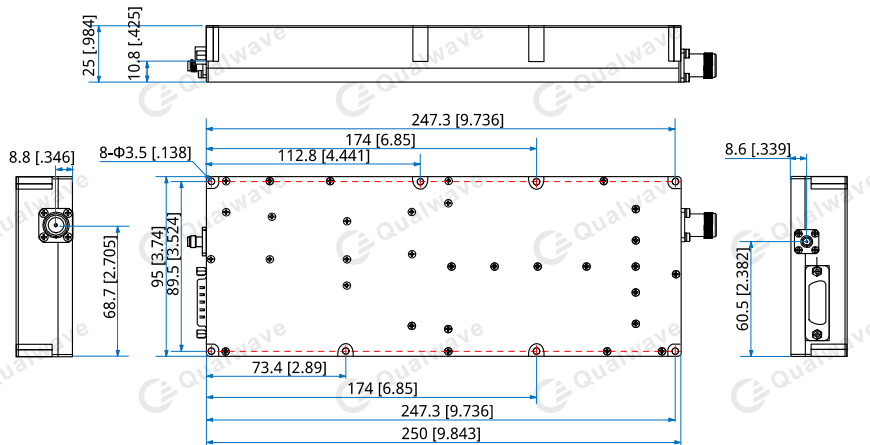
How To Order

QPA-1500-1700-48-47S

Customization is available upon request.

Outline Drawings

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



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