

# QPA-0.1-500-40-40

0.1~500MHz, 40dB, 40dBm

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| <b>Features:</b><br>* Small Size<br>* Low Power Consumption | <b>Applications:</b><br>* Wireless<br>* Transmitter<br>* Laboratory Test |
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## Electrical

Frequency:	0.1~500MHz
Gain:	40dB min.
Gain Flatness:	4±1dB max.
Input VSWR:	1.8 max.
Output Power (P1dB):	40dBm min.
Input Power:	2±1dBm +6dBm max.
Spurious:	-65dBc max.
Harmonic:	-10dBc max.
Voltage:	28~30V/5A VCC (Reference) +31V max.
Current:	2~3A max
Impedance:	50Ω

## Mechanical

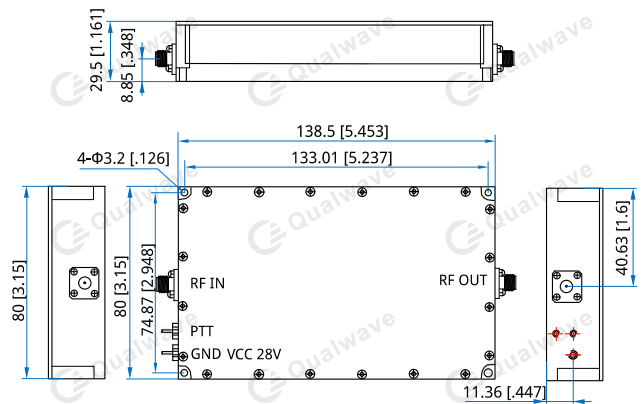
Size*1:	138.5*80*29.5mm 5.453*3.15*1.161in
RF Connectors:	SMA Female
Mounting:	4-Φ3.2mm through-hole
Power Supply Interface*2:	Feed Through/Terminal Post

[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-0.1-500-40-40**

Customization is available upon request.