

# QPA-800-4200-47-46.5S

800~4200MHz, 47dB, 46.5dBm

Features:  
 \* Small Size  
 \* Low Power Consumption

Applications:  
 \* Wireless  
 \* Transmitter  
 \* Laboratory Test

## Electrical

Frequency:	800~4200MHz
Power Gain:	47dB typ.
Gain Flatness:	±2.5dB typ.
Output Power (Psat):	46.5dBm min.
Spurious:	-60dBc typ.
2 <sup>th</sup> Harmonic:	DC~10GHz@Psat=47dBm -15dBc typ.@Psat=43dBm
Input VSWR:	2 max.
Output VSWR:	2 typ.
Voltage:	+32V DC max.
Input Power:	+5dBm max.

## Mechanical

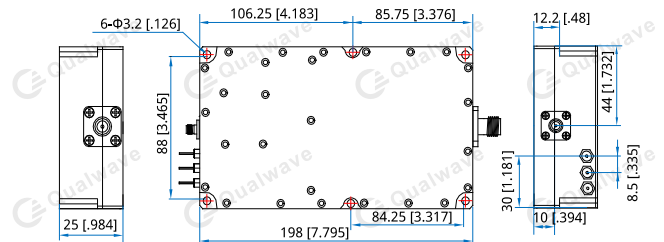
Size*1:	198*88*25mm 7.795*3.465*0.984in
RF In Connectors:	SMA female
RF Out Connectors:	N female
Power Supply Interface:	Feed through
Mounting:	6-Φ3.2mm through-hole
Cooling:	Forced Air

[1] Exclude connectors.

## Environmental

Operating Temperature:	-10~+50°C
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## Outline Drawings



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

## How To Order

[QPA-800-4200-47-46.5S](#)

Customization is available upon request.