

QPA-20-3000-40-40S

0.02~3GHz, 40dB, 40dBm

Features:

- * Small Size
- * Low Power Consumption

Applications:

- * Wireless
- * Transmitter
- * Laboratory Test

Electrical

Frequency:	0.02~3GHz
Gain:	40dB min.
Gain Flatness:	±2.5dB typ.
Gain Variation Over Temperature:	±2dB typ. @-40~+85°C
Input VSWR:	1.6 typ.
Isolation:	-55dB typ.
Output Power (P1dB):	37dBm min.
Output Power (Psat):	40dBm typ.
Input Power*1:	+5dBm
Current:	2.2A max.
Voltage:	+28V DC +28.5 max.
Impedance:	50Ω

[1] Maximum RF input power is set to assure safety of amplifier. Input power may be increased at own risk to achieve full power of amplifier.

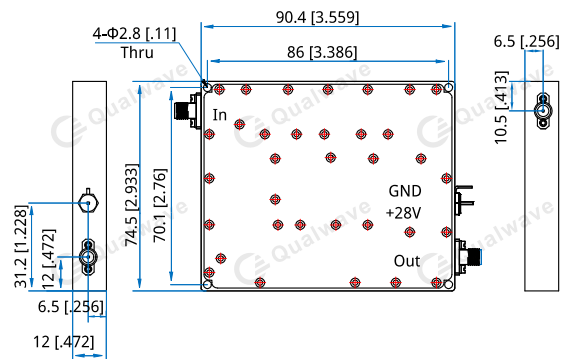
Mechanical

Size*1:	90.4*74.5*12mm 3.559*2.933*0.472in
RF Connectors:	SMA Female
Mounting:	4-Φ2.8mm through-hole
Power Supply Interface:	Feed Through/Terminal Post

[2] Exclude connectors.

Environmental

Operating Temperature:	-40~+85°C (Case temperature)
Non-Operating Temperature:	-50~+105°C

Outline Drawings


Unit: mm [in]

Tolerance: ±0.2mm [±0.008in]

How To Order.

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Customization is available upon request.