

QPA-5-500-35-38S

5~500MHz, 35dB, 38dBm

Features:

- * Small Size
- * Low Power Consumption

Applications:

- * Wireless
- * Transmitter
- * Laboratory Test


Electrical

Frequency:	5~500MHz
Gain:	35dB min.
Gain Flatness:	±1.5dB typ.
VSWR:	2 typ.
Output Power (Psat):	38dBm typ.
Output Power (P1dB):	37dBm typ.
Spurious:	-60dBc max.
Reverse Isolation:	-60dB typ.
Voltage:	+24V DC
Current:	1A typ.
Impedance:	50Ω

Absolute Maximum Ratings*1

RF Input Power:	+10dBm
Voltage:	+35V

[1] Permanent damage may occur if any of these limits are exceeded.

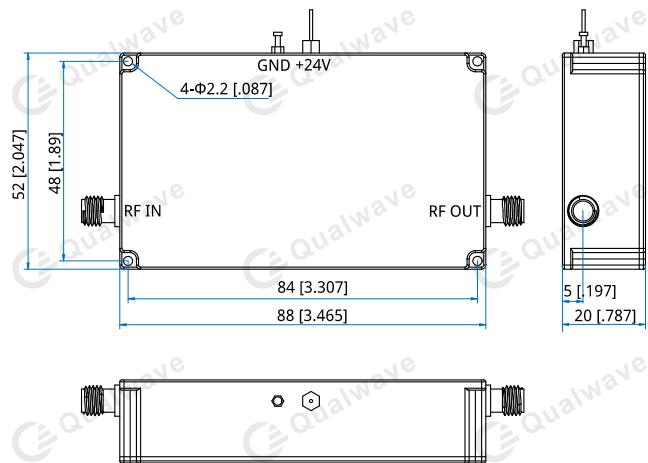
Mechanical

Size*2:	88*52*20mm
	3.465*2.047*0.787in
RF Connectors:	SMA Female
Mounting:	4-Φ2.2mm through-hole
Power Supply Interface:	Feed through

[2] Exclude connectors.

Environmental

Operating Temperature:	-25~+55°C
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Outline Drawings


Unit: mm [in]

Tolerance: ±0.2mm [±0.008in]

How To Order

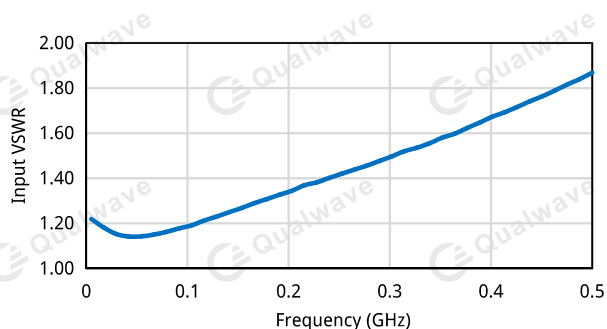
QPA-5-500-35-38S

QPAS-5-500-35-38S - AC-Powered unit with 0-000007 enclosure, see outline details in enclosure document. The AC voltage range is 85~264V.

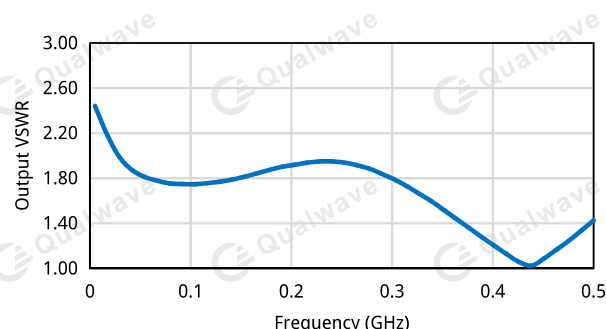
Customization is available upon request.

Typical Performance Curves

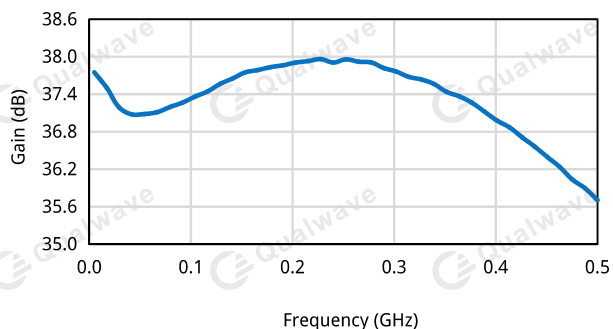
Input VSWR vs. Frequency



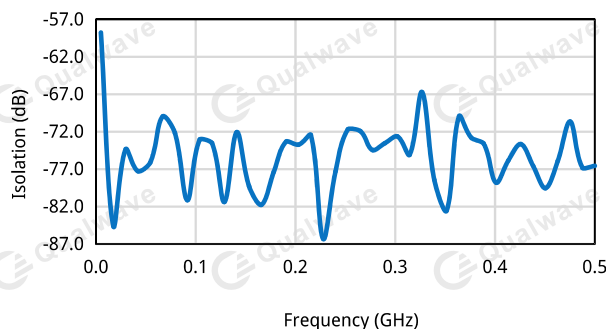
Output VSWR vs. Frequency



Gain vs. Frequency



Isolation vs. Frequency



Power vs. Frequency

