

QPA-100-500-43-40S

0.1~0.5GHz, 43dB, 40dBm

Features:

- * Small Size
- * Low Power Consumption

Applications:

- * Wireless
- * Transmitter
- * Laboratory Test

Electrical

Frequency:	0.1~0.5GHz
Gain:	43dB min.
Gain Flatness:	2±1dB max.
Output Power (P1dB):	37dBm min.
Output Power (Psat):	40dBm min.
Spurious:	-65dBc max.
Harmonic:	-15dBc max. @4W
Input VSWR:	1.6 max.
Input Power:	2±1dBm
	+6dBm max.
Voltage:	28V/6A VCC
	+31V VCC max.
Current:	2.6A max.
PTT:	3.3~5V (On)

Mechanical

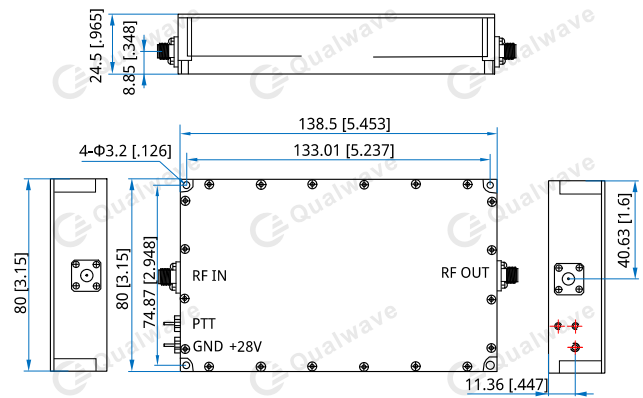
Size ^{*1} :	138.5*80*24.5mm
	5.453*3.15*0.965in
RF Connectors:	SMA Female
Power Supply Connectors:	Feed Through/Terminal Post
Protection Function:	Over 80°C protection
	Open circuit protection
Mounting:	4-Φ3.2mm through-hole

[1] Exclude connectors.

[2] Install heat sink during testing.

Environmental

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


Unit: mm [in]

Tolerance: ±0.2mm [±0.008in]

How To Order

QPA-100-500-43-40S

Customization is available upon request.