

QPA-700-4000-47-47S

0.7~4GHz, 47dB, 47dBm

Features:

- * Small Size
- * Low Power Consumption

Applications:

- * Wireless
- * Transmitter
- * Laboratory Test

Electrical

Frequency:	0.7~4GHz
Gain:	47dB min.
Gain Flatness:	4±1dB max.
Input VSWR:	2 max.
Output Power (Psat):	47dBm min.
Input Power:	3±1dBm +6dBm max.
Spurious:	-65dBc max.
Harmonic:	-9dBc min. @50W
Voltage:	28V/12A VCC (Reference) +30V max.
PTT:	+3.3~5V (On)
Current:	7~8A max
Protection Function:	Over 80°C protection
Impedance:	50Ω

Mechanical

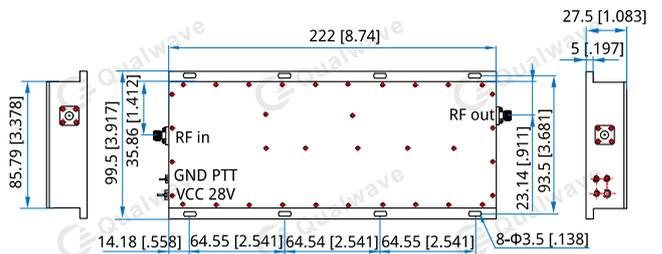
Size ^{*1} :	222*99.5*27.5mm 8.74*3.917*1.083in
RF Connectors:	SMA female
Mounting:	8-Φ3.5mm through-hole
Power Supply Interface ^{*2} :	Feed through/Terminal post
Weight:	1Kg max.

[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

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Customization is available upon request.