

QPA-800-4500-50-47S

0.8~4.5GHz, 50dB, 47dBm

Features:

- * Small Size
- * Low Power Consumption

Applications:

- * Wireless
- * Transmitter
- * Laboratory Test

Electrical

Frequency:	0.8~4.5GHz
Small Signal Gain:	50dB 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/15A VCC (Reference) +30V max.
Current:	7~8A max.
PTT:	+3.3~5V (On)
Protection Function:	Over 80°C protection
Impedance:	50Ω

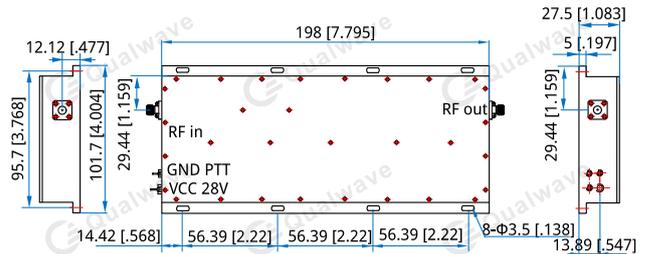
Mechanical

Size ^{*1} :	198*101.7*27.5mm 7.795*4.004*1.083in
RF Connectors:	SMA Female
Mounting:	8-Φ3.5mm through-hole
Power Supply Interface ^{*2} :	Feed through/Terminal post

[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

QPA-800-4500-50-47S

Customization is available upon request.