

QPA-5000-6000-53-50S

5~6GHz, 53dB, 50dBm

Features:

- * Small Size
- * Low Power Consumption

Applications:

- * Wireless
- * Transmitter
- * Laboratory Test

Electrical

Frequency:	5~6GHz
Small Signal Gain:	53dB min.
Output Power (Psat):	49.9~50.1dBm min.
Gain Flatness:	3±1dB max.
Input Power:	2±1dBm max.
Spurious:	-65dBc max.
Harmonic:	-28dBc max. @50dBm
Input VSWR:	1.8 max.
Operating Current:	10~12A max.
Voltage:	28~32V/13A VCC +33V max.
Protection Function:	Over 85°C protection Open circuit protection
PTT:	+3.3~5V (On) @1KHz

Mechanical

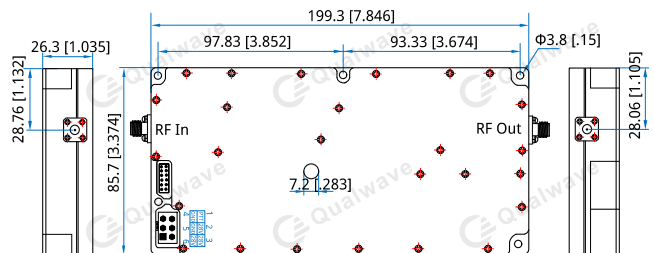
Size ^{*1} :	199.3*85.7*26.3mm 7.846*3.374*1.035in
Input Connector:	SMA Female
Output Connector:	SMA Female
Switching Time:	1us max.
Weight:	0.69kg max.
Power Supply Connectors ^{*2} :	5557-2X3-4.2mm6P
Mounting:	Φ3.8mm through-hole

[1] Exclude connectors.

[2] The amplifier test requires the installation of a heat sink.

Environmental

Operating Temperature: -25~+55°C

Outline Drawings


Unit: mm [in]

Tolerance: ±0.5mm [±0.02in]

*It includes internal current and temperature monitoring, temperature protection circuits, and standing wave open-circuit protection functions.

How To Order

QPA-5000-6000-53-50S

Customization is available upon request.