

QPA-2500-6000-43-41.7S

2.5~6GHz, 43dB, 41.7dBm

Features:

- * Small Size
- * Low Power Consumption

Applications:

- * Wireless
- * Transmitter
- * Laboratory Test

Electrical

Frequency:	2.5~6GHz
Small Signal Gain:	43dB min.
Input Power:	3±1dBm +6dBm max.
Output Power (Psat):	41.7dBm min.
Gain Flatness:	3±1dB max.
Input VSWR:	2 max.
Spurious:	-65dBc max.
Harmonic:	-12dBc min. @15W
Voltage:	28~32V/5A VCC (Reference) +32V max.
PTT:	3.3~5V (On)
Current:	3~3.5A max.
Impedance:	50Ω

Mechanical

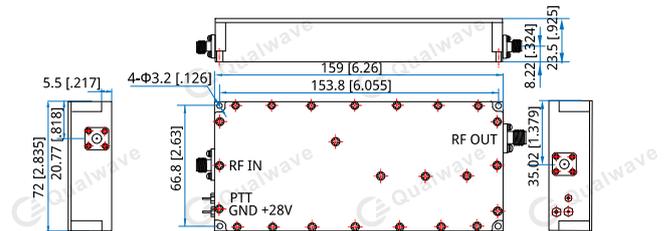
Size ^{*1} :	159*72*23.5mm 6.26*2.835*0.925in
RF Connectors:	SMA Female
Power Supply Connectors ^{*2} :	Feed through/Terminal post
Mounting:	4-Φ3.2mm through-hole

[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-2500-6000-43-41.7S](#)

Customization is available upon request.