

QPA-2300-2500-49-50S

2.3~2.5GHz, 49dB, 50dBm

Features:

- * Small Size
- * Low Power Consumption

Applications:

- * Wireless
- * Transmitter
- * Laboratory Test

Electrical

Frequency:	2.3~2.5GHz
Gain:	49dB min.
Gain Flatness:	2±0.5dB max.
Output Power (Psat):	50dBm min.
Input Power:	1±1dBm 5dBm max.
Harmonic:	-25dBc max. @100W
Spurious:	-65dBc max.
Voltage:	28V/15A VCC +33V max.
PTT:	3.3~5V (On)
Current:	9~10.6A max.
Input VSWR:	1.7
Protection Function:	Over 80°C protection Open circuit protection
Impedance:	50Ω

Mechanical

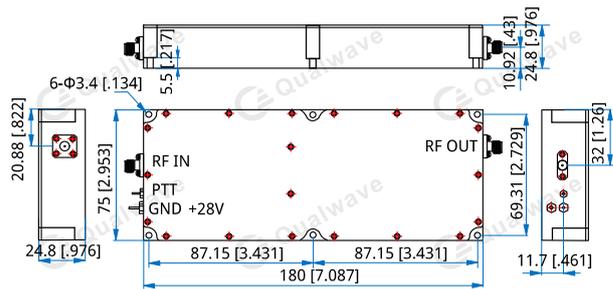
Size ^{*1} :	180*75*24.8mm 7.087*2.953*0.976in
RF Connectors:	SMA female
Mounting:	6-Φ3.4mm through-hole
Power Supply Interface ^{*2} :	Feed through/Terminal post

[1] Exclude connectors.

[2] Install heat sink during testing, internally equipped with isolator.

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.