Qualwave

Power Amplifier

QPA-25-500-49-50S

25~500MHz, 49dB, 50dBm

Features:
* Small Size
* Low Power Consumption

Applications:
* Wireless
* Transmitter
* Laboratory Test

Electrical

Frequency:	25~500MHz
Gain:	49dB min.
Gain Flatness:	2±1dB max.
Input VSWR:	1.6 max.
Output Power (Psat):	50dBm min.
Input Power:	2±1dBm
	+8dBm max.
Spurious:	-65dBc max.
Harmonic:	-10dBc max.
Voltage:	28V/16A VCC
PTT:	3.3~5V (On)
Current:	8~12.8A max.
Impedance:	50Ω

Mechanical

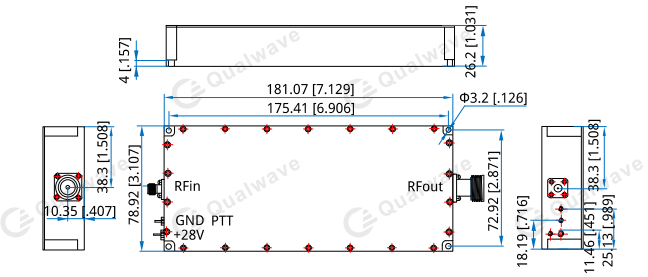
Size*1:	181.07*78.92*26.2mm
	7.129*3.107*1.031in
RF In Connectors:	SMA Female
RF Out Connectors:	N Female
Mounting:	4-Φ3.2mm through-hole
Power Supply Interface:	Feed Through/Terminal Post

[1] Exclude connectors.

Environmental

Operating Temperature:	-25~+55℃

Outline Drawings



Unit: mm [in]
Tolerance: ±0.5mm [±0.02in]

How To Order

QPA-25-500-49-50S

Customization is available upon request.