

QPA-30-1000-46-47S

30~1000MHz, 46dB, 47dBm

Features:

- * Small Size
- * Low Power Consumption

Applications:

- * Wireless
- * Transmitter
- * Laboratory Test

Electrical

Frequency:	30~1000MHz
Gain:	46dB min.
Gain Flatness:	5±1dB max.
Input VSWR:	1.7 max.
Output Power (Psat):	47dBm min.
Input Power:	3±2dBm
	+8dBm max.
Spurious:	-65dBc max.
Harmonic:	-10dBc max.
Voltage:	28V/16A VCC
	+31V max.
PTT:	3.3~5V (On)
Current:	7A max.
Protection Function:	80°C protection
Impedance:	50Ω

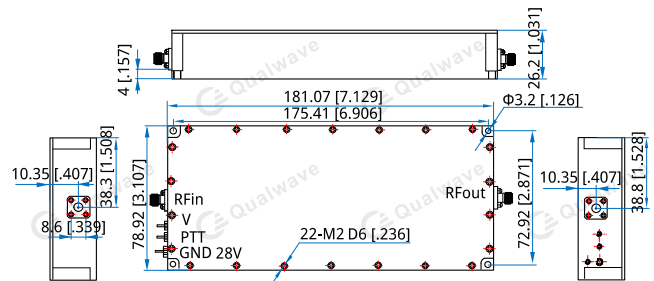
Mechanical

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* ² :	Feed Through/Terminal Post
[1] Exclude connectors.	
[2] Install heat sink during testing.	

Environmental

Operating Temperature:	-25~+55°C
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Outline Drawings



Unit: mm [in]

Tolerance: ±0.5mm [±0.02in]

How To Order

QPA-30-1000-46-47S

Customization is available upon request.