

QPA-6000-18000-40-40S

6~18GHz, 40dB, 40dBm

Features:

- * Small Size
- * Low Power Consumption

Applications:

- * Wireless
- * Transmitter
- * Laboratory Test

Electrical

Frequency:	6~18GHz
Small Signal Gain:	40dB min.
Gain Flatness:	5±1dB max.
Output Power (Psat) ^{*1} :	40dBm typ. 39~40dBm min.
Output Power (P1dB):	35dBm min.
Spurious:	-65dBc max.
Harmonic:	-12dBc max
Input VSWR:	2 max.
Voltage:	28V/6A VCC (Reference) +30V max.
PTT:	+3.3~5V (On)
Current:	3.5A max
Input Power:	+10dBm max.
Protection Function:	80°C protection
Impedance:	50Ω

[1] 39dBm min. 7@17~18G

Mechanical

Size ^{*2} :	120*83*18.5mm 4.724*3.268*0.728in
Weight:	0.26kg
RF Connectors:	SMA Female
Power Supply Interface ^{*3} :	Feed Through/Terminal Post

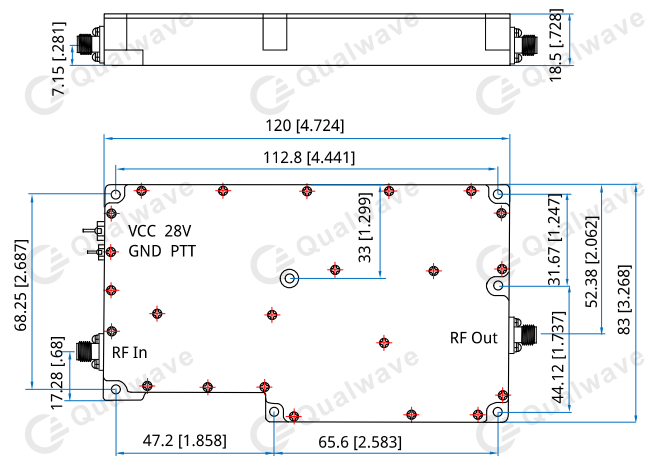
[2] Exclude connectors.

[3] Install heat sink during testing.

Environmental

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



Unit: mm [in]

Tolerance: ±0.2mm [±0.008in]

How To Order

QPA-6000-18000-40-40S

Customization is available upon request.