

QPA-6400-7000-41-42

6.4~7GHz, 41dB, 42dBm

Features:

- * Small Size
- * Low Power Consumption

Applications:

- * Wireless
- * Transmitter
- * Laboratory Test

Electrical

Frequency:	6.4~7GHz
Gain:	41dB min.
Gain Flatness:	3±1dB max.
Output Power (P1dB):	42dBm min.
Spurious:	-65dBc max.
Harmonic:	-25dBc max. @42dBm
Input VSWR:	1.8 max.
Input Power:	6dBm max.
Voltage:	28V/6A (Reference) +30V max.
Current:	3.8A max.
PTT:	+3.3~5V (On)
Protection Function:	Over 80°C protection

Mechanical

Size*1:	120*83*18.5mm 4.724*3.268*0.728in
RF Connectors:	SMA Female
Power Supply Interface*2:	Feed Through/Terminal Post
Mounting:	7-Φ3.2mm through-hole

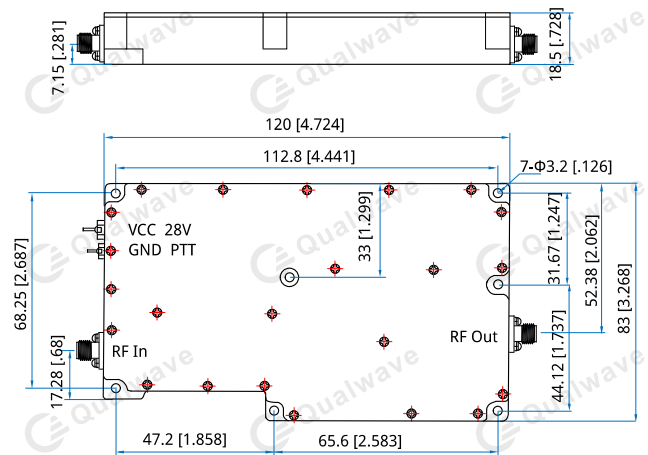
[1] Exclude connectors.

[2] Install heat sink during testing.

Environmental

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



Unit: mm [in]

Tolerance: ±0.2mm [±0.008in]

How To Order

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Customization is available upon request.