

QPA-5000-6000-45-47S

5~6GHz, 45dB, 47dBm

Features:

- * Small Size
- * Low Power Consumption

Applications:

- * Wireless
- * Transmitter
- * Laboratory Test

Electrical

Frequency:	5~6GHz
RF Gain:	45dB min.
Output Power (Psat):	47dBm min.
Gain Flatness:	3±1dB max.
Input Power:	5dBm max.
Harmonic:	-25dBc max. @47dBm
Operating Current:	5~7A max.
Voltage:	28~32V/9A VCC (Reference) +32V max.
Protection Function:	Over 80°C protection
IMD3 (200kHz spacing):	-30dBc max. @Dual-carrier output power of 4W
PTT:	+3.3~5V (On)

Mechanical

Size ^{*1} :	138.5*49*21mm 5.453*1.929*0.827in
RF Connector:	SMA Female
Power Supply Connectors ^{*2} :	Feed through/Terminal post
Mounting:	4-Φ3.2mm through-hole

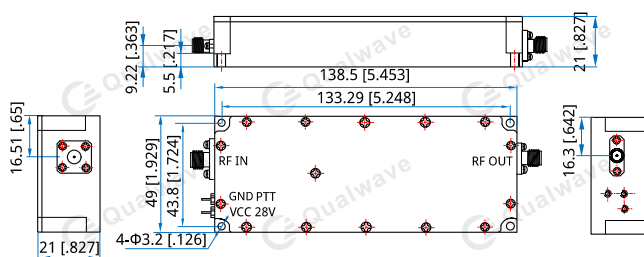
[1] Exclude connectors.

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

Environmental

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



Unit: mm [in]

Tolerance: ±0.5mm [±0.02in]

How To Order

QPA-5000-6000-45-47S

Customization is available upon request.