

QPA-20-6000-40-40S

0.02~6GHz, 40dB, 40dBm

Features:

- * Small Size
- * Low Power Consumption

Applications:

- * Wireless
- * Transmitter
- * Laboratory Test

Electrical

Frequency:	0.02~6GHz
Small Signal Gain:	40dB min.
Input Power:	3±1dBm +6dBm max.
Output Power (P1dB):	36~37dBm min.
Output Power (Psat):	38.45~40dBm min.
Gain Flatness:	6±1dB max.
Input VSWR:	2 max.
Spurious:	-65dBc max.
Harmonic:	-10dBc min. @5W
Voltage:	28~32V/5A VCC +32V max.
PTT:	3.3~5V (On)
Current:	3.7A max.
Impedance:	50Ω

Mechanical

Size ^{*1} :	159*72*23.5mm 6.26*2.835*0.925in
RF Connectors:	SMA female
Power Supply Connectors ^{*2} :	Feed through/Terminal post
Mounting:	4-Φ3.2mm through-hole

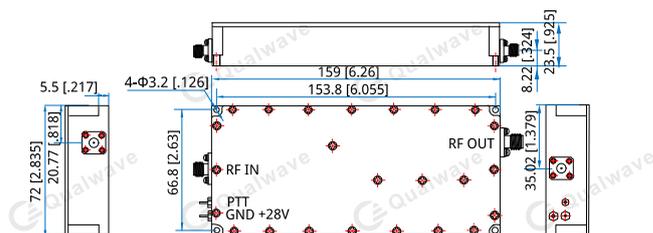
[1] Exclude connectors.

[2] Install heat sink during testing.

Environmental

Operating Temperature: -25~+55°C

Outline Drawings



Unit: mm [in]

Tolerance: ±0.5mm [±0.02in]

How To Order

QPA-20-6000-40-40S

Customization is available upon request.