

QPA-14700-15100-13-40

14.7~15.1GHz, 13dB, 40dBm

Features:

- * Small Size
- * Low Power Consumption

Applications:

- * Wireless
- * Transmitter
- * Laboratory Test

Electrical

Frequency:	14.7~15.1GHz
Gain:	13dB min.
Gain Flatness:	1±1dB
Output Power (P1dB):	40dBm min.
Current:	2A max.
Voltage:	28V/6A +31V max.
Spurious:	-60dBc max.
Harmonic:	-20dBc max.
Input VSWR:	2 max.
Input Power:	27±1dBm
Impedance:	50Ω

Mechanical

Size ^{*1} :	115*76.5*25.5mm 4.528*3.012*1.004in
RF Connectors ^{*2} :	SMA Female
Mounting:	4-Φ3.8mm through-hole
Power Supply Interface ^{*3} :	Feed Through/Terminal Post
Negative Pressure Power Supply:	-7V~15V, does not work without negative voltage connection

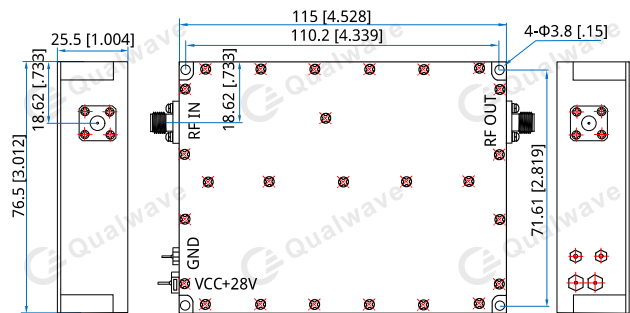
- [1] Exclude connectors.
 [2] Output with isolator.
 [3] Install heat sink during testing.

Environmental

Operating Temperature: -25~+55°C

Outline Drawings

(Pins are for reference only and are subject to the real thing)



Unit: mm [in]

Tolerance: ±0.2mm [±0.008in]

How To Order

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Customization is available upon request.