

QPA-100-7000-16-23S

0.1~7GHz, 16dB, 23dBm

Features:
 * Broad Band
 * Low Noise

Applications:
 * Wireless
 * Receiver
 * Laboratory Test
 * Radar

Electrical

| | |
|----------------------|------------------------|
| Frequency: | 0.1~7GHz |
| Gain Window: | 16dB min. 25dB max. |
| Gain Flatness: | ±3dB typ. |
| Output Power (P1dB): | +21dBm min. |
| Output Power (Psat): | +23dBm typ. |
| Noise Figure: | 5dB max. |
| VSWR: | 2.2 max. |
| Voltage: | +8V DC typ. |
| Current: | 280mA typ. |
| Impedance: | 50Ω |

Absolute Maximum Ratings*1

RF Input Power: +5dBm typ.

[1] Permanent damage may occur if any of these limits are exceeded.

Mechanical

Size*2: 44*36*12mm

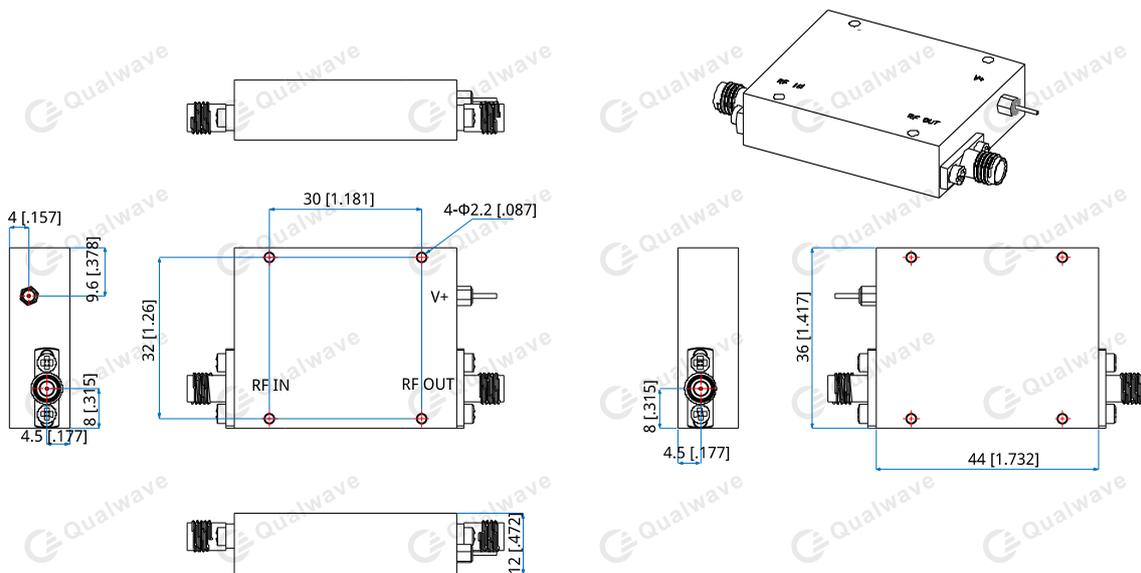
1.732*1.417*0.472in

RF Connectors: SMA female

Mounting: 4-Φ2.2mm through-hole

[2] Exclude connectors.

Outline Drawings



Unit: mm [in]

Tolerance: ±0.2mm [±0.008in]

How To Order

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Customization is available upon request.