

# QDA-2000-40000-31-1

2~40GHz, 31dB, 1dB

**Features:**

- \* Broadband
- \* High Dynamic Range

**Applications:**

- \* Wireless
- \* Transmitter
- \* Laboratory Test
- \* Radar

**Electrical**

Frequency:	2~40GHz
Insertion Loss:	9dB max.
Attenuation Flatness:	±2dB max.
Digital Control:	5Bit
Step:	1dB
Attenuation Range:	31dB max.
Attenuation Accuracy:	5% of attenuation setting max.
Switching Time:	100nS max.
VSWR:	2.5 max. @Attenuation 0dB
Voltage:	+5V/-5V DC
Current:	0.1A typ.
Input Power:	27dBm max.

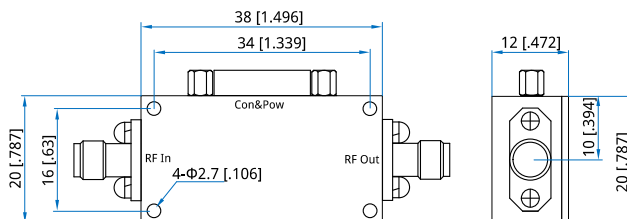
**Mechanical**

Size*1:	38*20*12mm 1.496*0.787*0.472in
RF Connectors:	2.92mm female
Power Supply & Control Interface Connectors:	J30J-9ZKP
Mounting:	4-Φ2.7mm through-hole

[1] Exclude connectors.

**Environmental**

Operating Temperature:	-40~+70°C
Non-operating Temperature:	-55~+70°C

**Outline Drawings**


Unit: mm [in]

Tolerance: ±0.2mm [±0.008in]

**Pin Numbering**

Pin	Function	Pin	Function
1	+5V	6	2dB
2	-5V	7	4dB
3	GND	8	8dB
4	NC	9	16dB
5	1dB		

**How To Order**

**QDA-2000-40000-31-1**

Customization is available upon request.