

QDA-1000-40000-31-1

1~40GHz, 31dB, 1dB

Features:
 * Broadband
 * High Dynamic Range

Applications:
 * Wireless
 * Transmitter
 * Laboratory Test
 * Radar

Electrical

Frequency:	1~40GHz
Insertion Loss:	8dB typ.
Attenuation Flatness:	±3dB max.
Control Bits:	5
Step:	1dB
Attenuation Range:	0~31dB
Attenuation Accuracy:	±5% of attenuation setting typ.
Input VSWR:	2.0 max.
Output VSWR:	2.0 max.
Voltage:	±5V DC
Current:	0.3A typ.
Input Power Without Damage:	20dBm max.

Mechanical

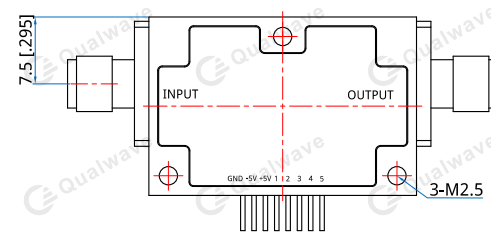
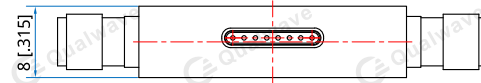
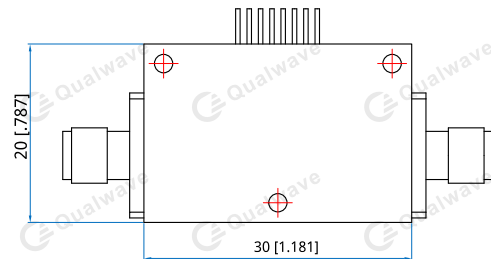
Size*1:	30*20*8mm 1.181*0.787*0.315in
Weight:	100g typ.
RF Connectors:	2.92mm Female
Power Supply & Control Interface Connectors:	Feed Through/Terminal Post
Housing Material:	Aluminum
Mounting:	3-M2.5 through-hole

[1] Exclude connectors.

Environmental

Operating Temperature:	-20~+60°C
Non-operating Temperature:	-40~+85°C

Outline Drawings



Unit: mm [in]

Tolerance: ±0.2mm [±0.008in]

Pin Numbering

Pin	Function	Pin	Function
1	1dB (LSB)	4	8dB
2	2dB	5	16dB (MSB)
3	4dB		

How To Order

[QDA-1000-40000-31-1](#)

Customization is available upon request.