

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.
Digital Control:	5Bit TTL
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

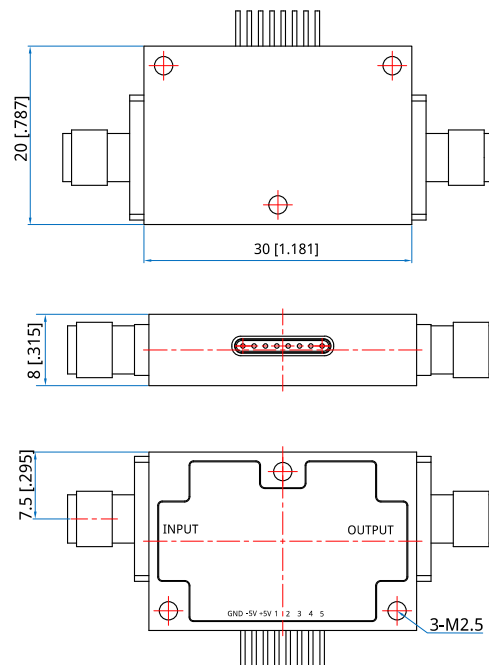
Size*1:	30*20*8mm 1.181*0.787*0.315in
Weight:	100g typ.
RF Connectors:	2.92mm Female
Power Supply & Control Interface Connectors:	Feed Through/Terminal Post
Housing Material:	Aluminum
Mounting:	3-M2.5 through-hole

[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

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Customization is available upon request.