

QDA-8000-10000-31.5-0.5

8~10GHz, 31.5dB, 0.5dB

Features:

- * Broadband
- * High Dynamic Range

Applications:

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

Electrical

Frequency:	8~10GHz
Insertion Loss:	4dB max.
Attenuation Flatness:	±0.5dB max.
Digital Control:	6Bit TTL
Step:	0.5dB
Attenuation Range:	0~31.5dB
Attenuation Accuracy:	±2% of attenuation setting max.
Switching Time:	100nS max.
Input VSWR:	1.8 max.
Output VSWR:	1.8 max.
Voltage:	+12V DC
Current:	0.1A typ.
Input Power Without Damage:	27 dBm max.

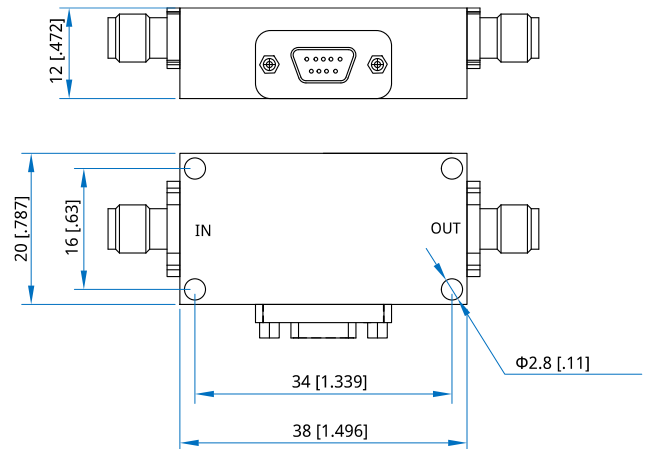
Mechanical

Size*1:	38*20*12mm 1.496*0.787*0.472in
RF Connectors:	SMA Female
Power Supply & Control Interface Connectors:	J30J-9ZKP
Housing Material:	Aluminum
Mounting:	4-Φ2.8mm 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	+12V	6	2dB
2	NC	7	4dB
3	GND	8	8dB
4	0.5dB (LSB)	9	16dB (MSB)
5	1dB		

How To Order

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Customization is available upon request.