

QDA-1-4000

1MHz~4GHz

Features:

- * Broadband
- * High Dynamic Range

Applications:

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

Electrical

Frequency:	0.001~4GHz
Insertion Loss:	5dB max.
Attenuation Flatness:	±1.5dB max.
Digital Control:	TTL
Step:	0.25, 0.5, 1, 2, 4, 8, 16dB
Attenuation Range:	0~60dB
Attenuation Accuracy:	±3% of attenuation setting max.
Switching Time:	200nS max.
Input VSWR:	1.8 max.
Output VSWR:	1.8 max.
Voltage:	+5V/-5V DC
Current:	200mA typ.
Input Power Without Damage:	27dBm

Mechanical

Size*1:	38*20*12mm 1.496*0.787*0.472in
RF Connectors:	SMA Female
Power Supply & Control Interface Connectors:	J30J-9ZKP or J30J-15ZKP
Housing Material:	Aluminum
Mounting:	4-Φ2.8mm through-hole

[1] Exclude connectors.

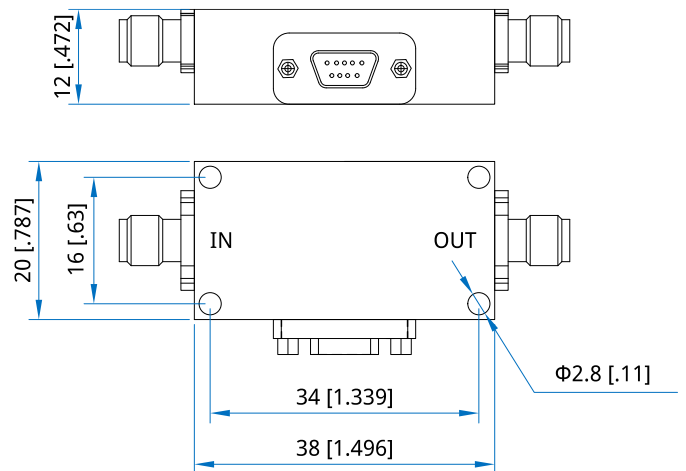
Environmental

Operating Temperature:	-40~+60°C
Non-operating Temperature:	-55~+70°C

Pin Numbering

Pin	Function	Pin	Function
1	+5V	4	LSB
2	-5V	5~15	-
3	GND		

Outline Drawings



Unit: mm [in]

Tolerance: ±0.2mm [±0.008in]

How To Order

QDA-W-X-Y-Z

W: Start Frequency in MHz

X: Stop Frequency in MHz

Y: Maximum attenuation in dB

Z: Step in dB

Examples:

To order an attenuator, 1~2GHz, 0~30dB attenuation, 0.5dB step, specify QDA-1000-2000-30-0.5.

Customization is available upon request.