

QDA-1000-12000

1~12GHz

Features:
 * Broadband
 * High Dynamic Range

Applications:
 * Wireless
 * Transmitter
 * Laboratory Test
 * Radar

Electrical

Frequency:	1~12GHz
Insertion Loss:	6dB max.
Attenuation Flatness:	±2dB 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:	2 max.
Output VSWR:	2 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.

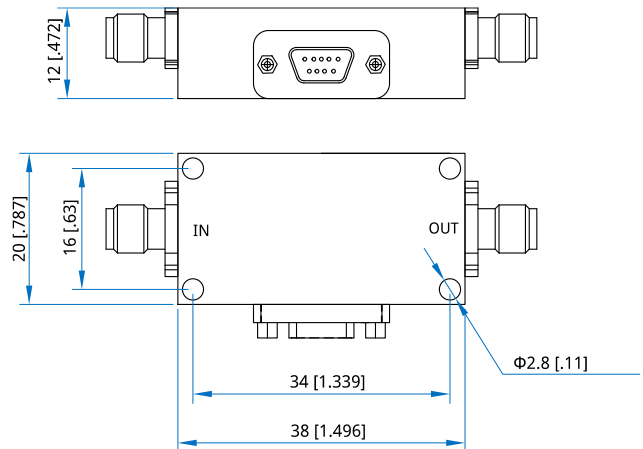
Environmental

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, 2~6GHz, 0~60dB attenuation, 0.25dB step, specify QDA-2000-6000-60-0.25.

Customization is available upon request.