

NDA-2000-18000-15-1

2~18GHz, 15dB, 1dB

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| Features: | Applications: |
| * Broadband | * Wireless |
| * High Dynamic Range | * Transmitter |
| | * Laboratory Test |
| | * Radar |

Electrical

Frequency:	2~18GHz
Insertion Loss:	7dB max.
Attenuation Flatness:	±3.5dB max.
Control Bits:	4
Step:	1dB
Attenuation Range:	0~15dB
Attenuation Accuracy:	±4% of attenuation setting max.
Switching Time:	500nS max.
Input VSWR:	2.2 max.
Output VSWR:	2.2 max.
Voltage:	-5V
Current:	0.1A typ.
Input Power Without Damage:	20dBm

Mechanical

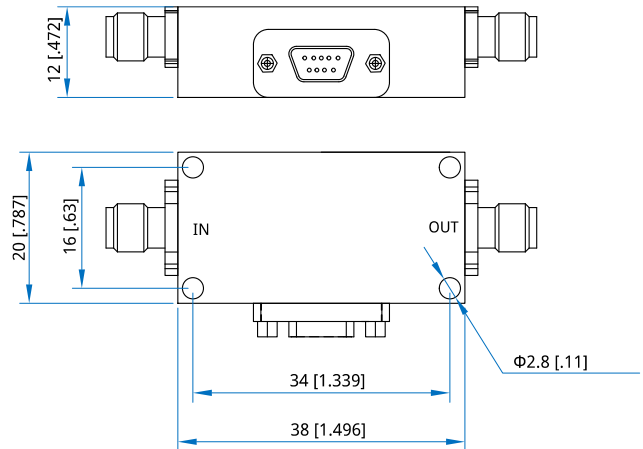
Size ^{*1} :	38*20*12mm 1.496*0.787*0.472in
RF Connectors:	SMA Female
Power Supply & Control Interface Connectors:	J30J-9ZKP
Housing Material:	Aluminum
Mounting:	4-Φ2.8mm through-hole

[1] Exclude connectors.

Environmental

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

Outline Drawings



Unit: mm [in]
Tolerance: ±0.2mm [±0.008in]

Pin Numbering

Pin	Function	Pin	Function
1	NC	6	2dB
2	-5V	7	4dB
3~4	GND	8	8dB (MSB)
5	1dB (LSB)	9	NC

How To Order

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Customization is available upon request.