

## FEATURES

- Small Size
- High Accuracy
- High Stability

## APPLICATIONS

- Laboratory Test and Measurement
- Wireless Communication



## Electrical Specifications

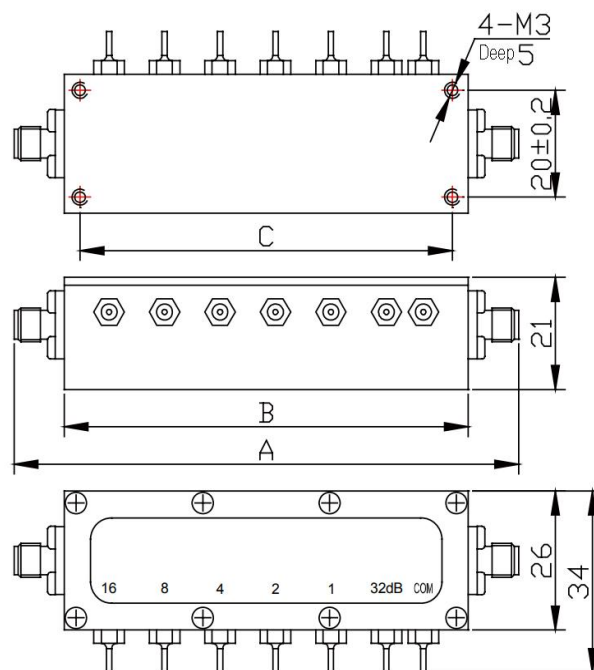
Frequency Range	DC~1GHz
Impedance	50Ω nominal
Attenuation Range	0~31dB in 1dB steps
Attenuation Steps(dB)	1, 2, 4, 8, 16
Switching Time	6ms
VSWR	1.3 max
Accuracy	±0.3dB@Attn≤10dB ±1.0dB@16/20/32dB
Insertion Loss	1.8dB max
Average Power	2W
Operating Voltage	+5V
Operating Current	100mA/Cell, 50mA/Cell
Temperature Range	-55°C~+70°C
RoHS Status	RoHS Compliant

## Mechanical Specifications

RF Connector	SMA female
Connector Body	Gold Plated Brass
Female Pin	Gold Plated Beryllium Cooper
Housing	Aluminum, Nickel
Weight	95g

◇ Test Data is available at an additional cost ◇

## Dimensions [mm]



A	85
B	66
C	60

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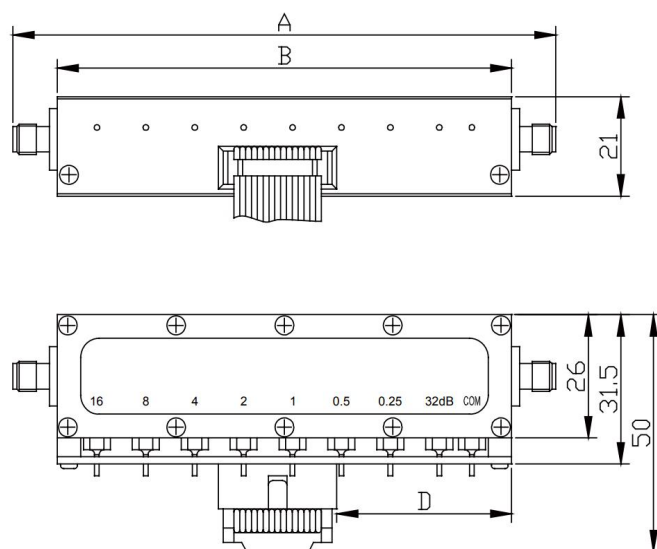
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VSWR	1.3 max
Accuracy	±0.3dB@Attn≤10dB ±1.0dB@16/20/32dB
Insertion Loss	1.8dB max
Average Power	2W
Control Voltage	+5V
Control Current	100mA/Cell, 50mA/Cell
Driver Voltage	2.5V~5V
Driver Current	15mA min/Cell
Temperature Range	-55°C~+70°C
RoHS Status	RoHS Compliant

## Mechanical Specifications

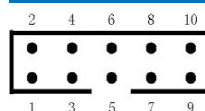
RF Connector	SMA female
Control Connector	10 PIN Ribbon Cable
Connector Body	Gold Plated Brass
Female Pin	Gold Plated Beryllium Cooper
Housing	Aluminum, Nickel
Weight	110g

## Dimensions [mm]



A	85
B	66
D	29

## Control Connector PIN Locations



PIN No.	1	2	3	4	5	6	7	8	9	10
dB, 5 Cells	V+	1	COM	2	N	4	N	8	N	16

◇ N: Not Connected, COM: 0V, V+: Operating Voltage ◇

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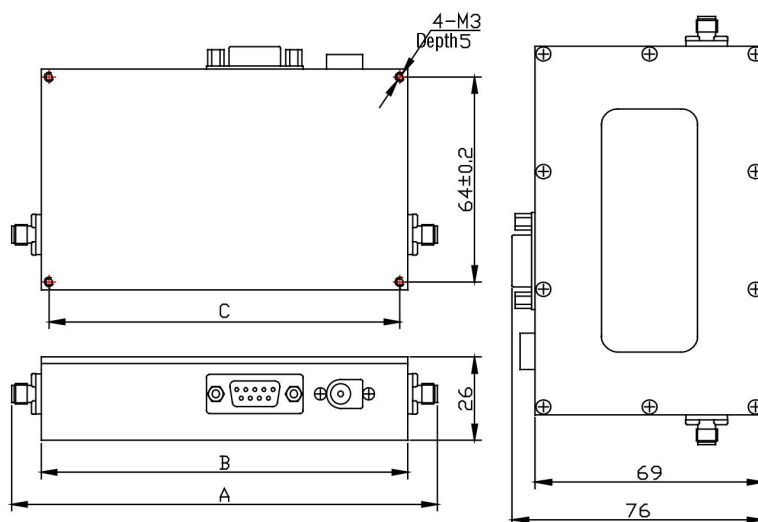
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Switching Time	6ms
VSWR	1.3 max
Accuracy	±0.3dB@Attn≤10dB ±1.0dB@16/20/32dB
Insertion Loss	1.8dB max
Average Power	2W
Voltage	AC~220V/5V
Temperature Range	-55°C~+70°C
RoHS Status	RoHS Compliant

## Mechanical Specifications

RF Connector	SMA female
Control Connector	RS-232
Connector Body	Gold Plated Brass
Female Pin	Gold Plated Beryllium Cooper
Housing	Aluminum, Anodic Oxidation
Weight	260g

## Dimensions [mm]



A	126
B	107
C	102

◇ Test Data is available at an additional cost ◇