

F202C Single Phase AC Filters



Features

- Multi-stage filter
- Rated currents from 1A to 200A
- Very high differential and common-mode attenuation
- Type A and Type B
- Easy to install

Typical applications

- Electrical and electronic equipment
- Consumer goods
- Industry applications
- Medical equipment

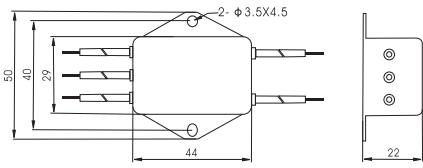
Technical specifications

Rated voltage	250VAC
Rated frequency	50/60Hz
Test voltage line to line	1500VDC
Test voltage line to ground	1500VDC
Insulation resistance	>50 MΩ @500VDC
Temperature rise	<30°C
Climate category (IEC 60068-1)	25/100/21

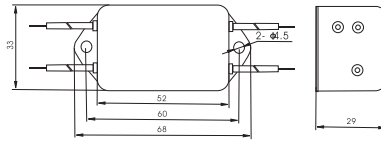
Filter selection table

Part No.	Rated Current	Leakage Current	Dimension	Terminal		Electrical Schematics
				Input	Output	
F202C-1A-A1	1A	<0.5mA	A1			<p>Figure C</p>
F202C-3A-B1	3A	<0.5mA	B1			
F202C-6A-B1	6A	<1.0mA	B1			
F202C-10A-A4	10A	<1.0mA	A4			
F202C-20A-A7	20A	<1.0mA	A7			
F202C-50A-B2	50A	<2.0mA	B2			
F202C-100A-B3	100A	<3.0mA	B3			
F202C-200A-B4	200A	<3.0mA	B4			

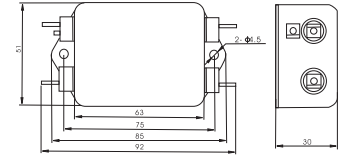
Outline Drawing and Dimensions(mm)



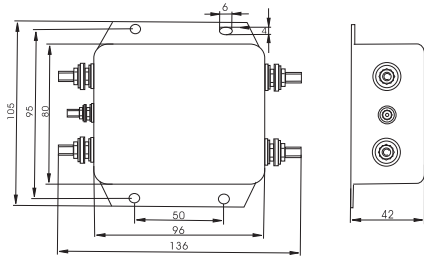
A1



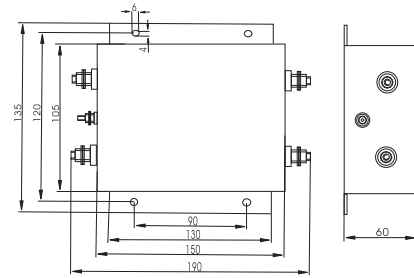
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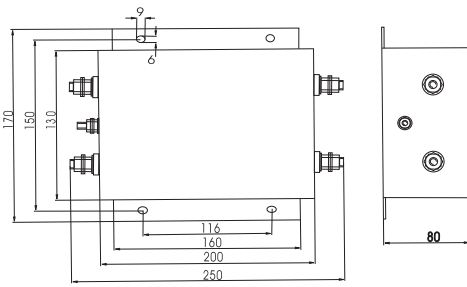
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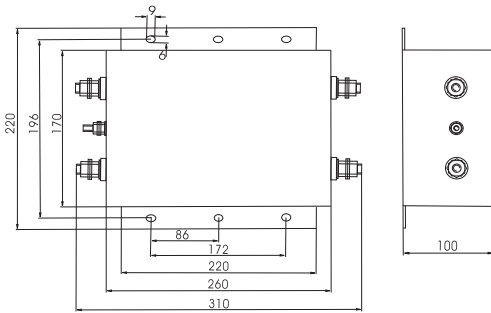
A7



B2



B3

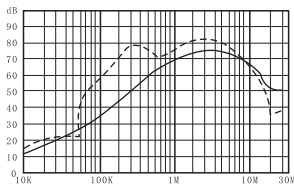


B4

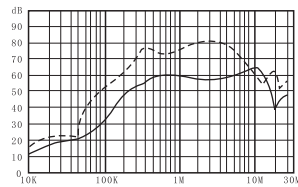
Insertion Loss

———— Common Mode

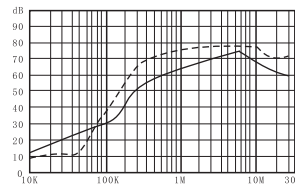
----- Differential Mode



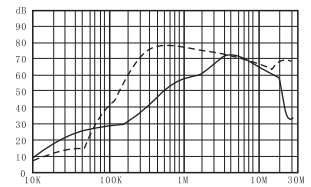
F202C-1A-A1



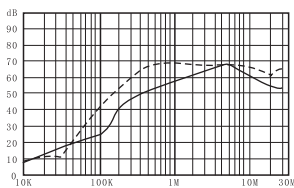
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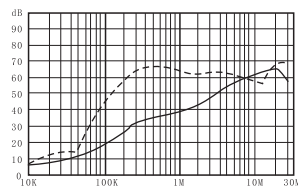
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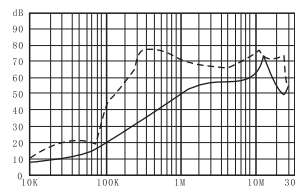
F202C-10A-A4



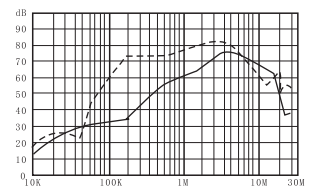
F202C-20A-A7



F202C-50A-B2



F202C-100A-B3



F202C-200A-B4

F202D, F202E Single Phase AC Filters



Features

- Multi-stage filter
- Rated currents from 1A to 100A
- Very high differential and common-mode attenuation
- Type A and Type B
- Easy to install

Typical applications

- Electrical and electronic equipment
- Consumer goods
- Industry applications
- Medical equipment

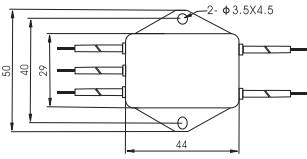
Technical specifications

Rated voltage	250VAC
Rated frequency	50/60Hz
Test voltage line to line	1500VDC
Test voltage line to ground	1500VDC
Insulation resistance	>50 MΩ @500VDC
Temperature rise	<30°C
Climate category (IEC 60068-1)	25/100/21

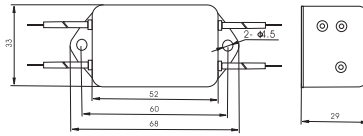
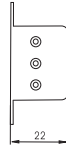
Filter selection table

Part No.	Rated Current	Leakage Current	Dimension	Terminal		Electrical Schematics
				Input	Output	
F202D-1A-A1	1A	<0.5mA	A1			<p>Figure D</p>
F202D-3A-B1	3A	<0.5mA	B1			
F202D-6A-B1	6A	<0.5mA	B1			
F202D-10A-A4	10A	<0.5mA	A4			
F202E-1A-A1	1A	<1.0mA	A1			<p>Figure E</p>
F202E-3A-B1	3A	<1.0mA	B1			
F202E-6A-B1	6A	<1.0mA	B1			
F202E-6A-A4	6A	<1.0mA	A4			
F202E-10A-A4	10A	<1.0mA	A4			
F202E-20A-A5	20A	<1.0mA	A5			
F202E-50A-B2	50A	<2.0mA	B2			
F202E-100A-B3	100A	<2.0mA	B3			

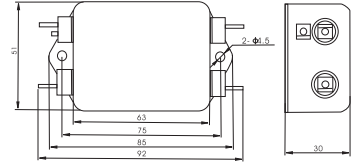
Outline Drawing and Dimensions(mm)



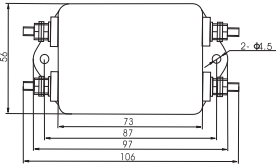
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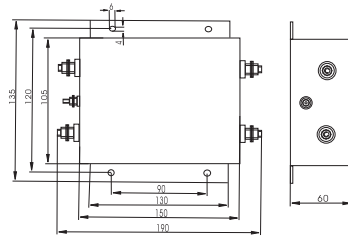
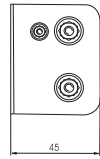
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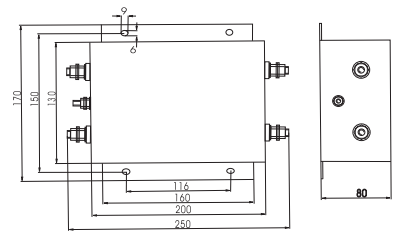
A4



A5



B2

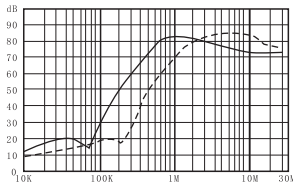


B3

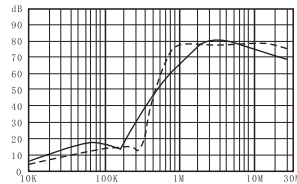
Insertion Loss

———— Common Mode

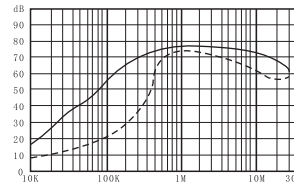
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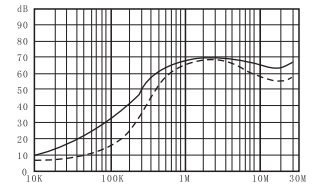
F202D-1A-A1



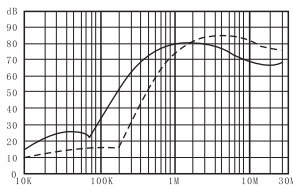
F202D-3A-B1



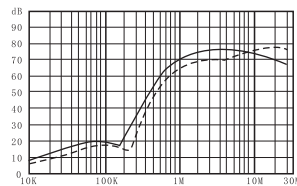
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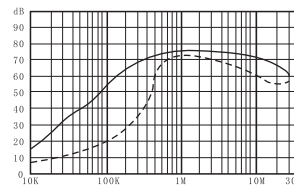
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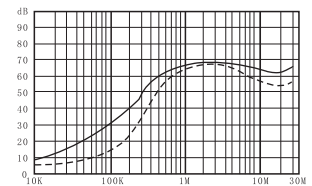
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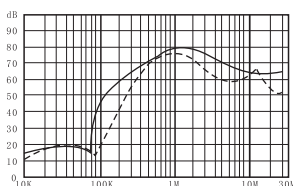
F202E-3A-B1



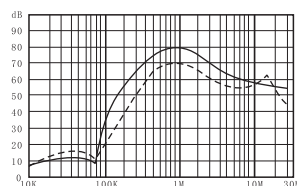
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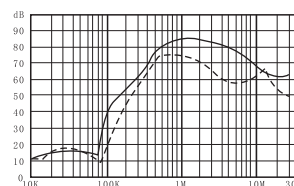
F202E-10A-A4



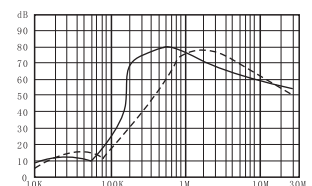
F202E-20A-A5



F202E-50A-B2



F202E-100A-B3



F202E-6A-B1

F202F Single Phase AC Filters



Features

- Multi-stage filter
- Rated currents from 1A to 50A
- Very high differential and common-mode attenuation
- Type A and Type B
- Easy to install

Typical applications

- Electrical and electronic equipment
- Consumer goods
- Industry applications
- Medical equipment

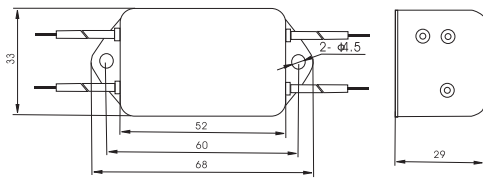
Technical specifications

Rated voltage	250VAC
Rated frequency	50/60Hz
Test voltage line to line	1500VDC
Test voltage line to ground	1500VDC
Insulation resistance	>50 MΩ @500VDC
Temperature rise	<30°C
Climate category (IEC 60068-1)	25/100/21

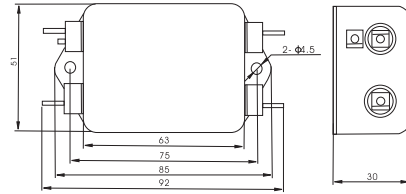
Filter selection table

Part No.	Rated Current	Leakage Current	Dimension	Terminal		Electrical Schematics
				Input	Output	
F202F-1A-B1	1A	<1.0mA	B1			<p>Figure F</p>
F202F-3A-A4	3A	<1.0mA	A4			
F202F-6A-A5	6A	<1.0mA	A5			
F202F-6A-A6	6A	<1.0mA	A6			
F202F-10A-A7	10A	<2.0mA	A7			
F202F-20A-A7	20A	<2.0mA	A7			
F202F-30A-B3	30A	<2.0mA	B3			
F202F-50A-B3	50A	<2.0mA	B3			

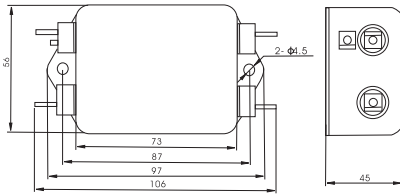
Outline Drawing and Dimensions(mm)



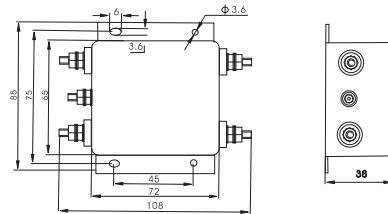
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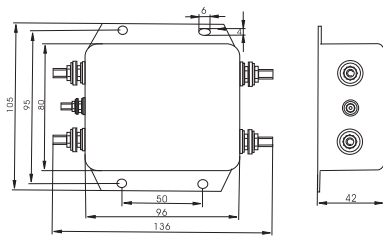
A4



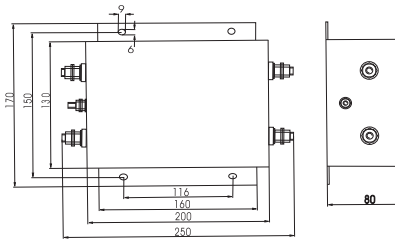
A5



A6



A7

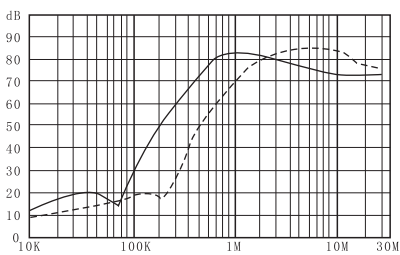


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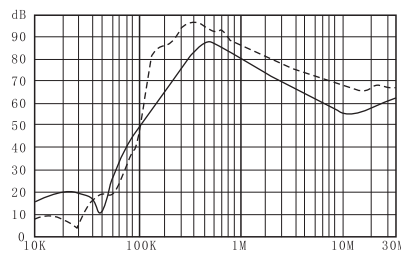
Insertion Loss

—— Common Mode

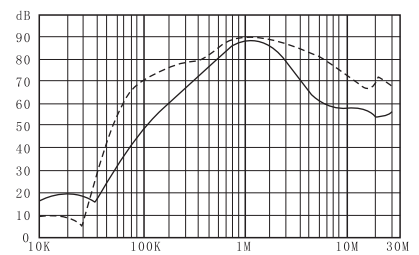
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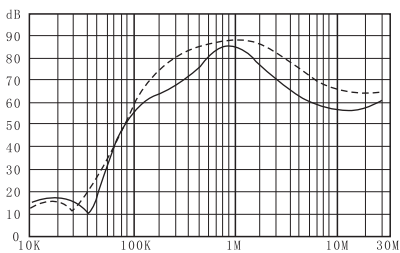
F202F-1A-B1



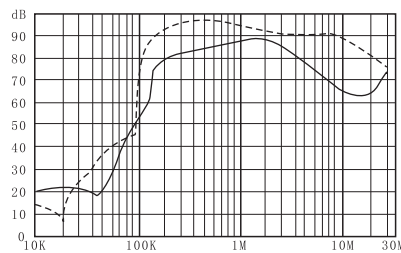
F202F-3A-A4



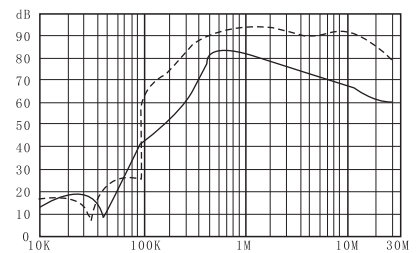
F202F-6A-A5



F202F-10A-A7



F202F-20A-A7



F202F-50A-B3