5110 Series Line Filter with AC Inlet

NEW

Improved Filter Design for Optimum Attenuation

Enhanced Range, Now Available up to 15 Amps

Standard or Medical Filter

Standards: UL 1283; CSA C22.2/8; IC 320/C14 and 60939; EN 60320-1 and 133200

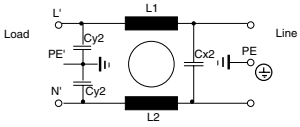
Screw-on Panel Mount

Snap-in Panel Mount

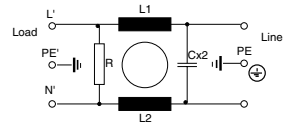
- For “cold” connections 70˚C, Protection Class I
- Qualifies for use in equipment with safety requirements according to IEC 950 / EN60950 and IEC 601-1
- Designed to replace discrete filters that require wiring between the filter and panel inlet; eliminates re-radiated electromagnetic energy caused by current traveling back and forth across the wires.
- Bleed resistor eliminates the potential for shock after power is removed from the equipment
- Screw mount from front or rear, or snap-in mount from front
- Quick-connect terminals .250 x .032” (6.3 X 0.8mm)
- 0.5 Nm torque required for M3 screws
- For attenuation graphs, see page 2
- For ac inlets without RFI filter, request our latest “International Circuit Protection and Power Entry Devices” catalog

UL/CSA	recognition	1A-15A/250V
VDE	approval	1A-10A/250V

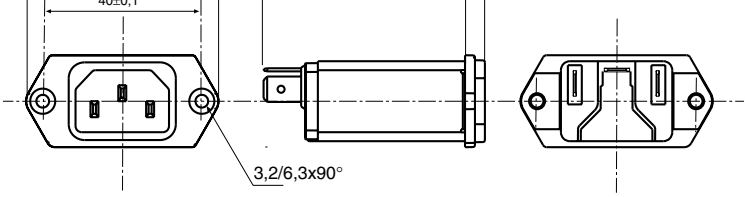
Standard Filter



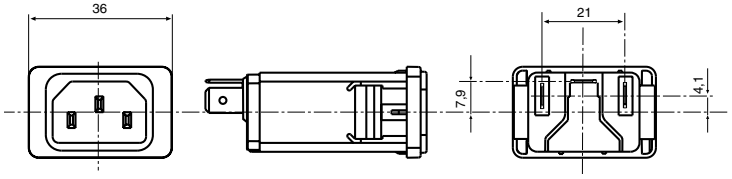
Medical Filter

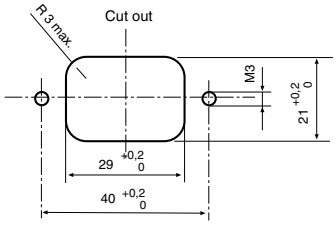


Screw-on mounting with countersunk screw M3

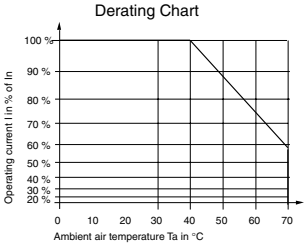


Snap-in mounting for panel thickness 0.8 - 3 mm





Derating Chart



Order Numbers

5110 with standard RFI filter

Screw-on	Snap-in 0.8 - 3.0 mm	I_n (A) T_{amb} 40˚C	U_n (V)	Max. leakage curr. @ 250V/50 HZ	Cx2 (nF)	Cy2 (2X) (nF)	L(2X) (mH)	Test voltage L,N	Test voltage E	Test voltage L	Test voltage N
5110.0133.1	5110.0143.1	1A	up to 250V max. 50/60 HZ	<0.5 mA	47	2.2	11	2700V DC 2 sec.		1075V DC 2 sec.	
5110.0233.1	5110.0243.1	2A		<0.5 mA	47	2.2	4				
5110.0333.1	5110.0343.1	3A		<0.5 mA	47	2.2	2.5				
5110.0433.1	5110.0443.1	4A		<0.5 mA	47	2.2	1.6				
5110.0633.1	5110.0643.1	6A		<0.5 mA	47	2.2	0.7				
5110.0833.1	5110.0843.1	8A		<0.5 mA	47	2.2	0.6				
5110.1033.1	5110.1043.1	10A		<0.5 mA	47	2.2	0.4				
5110.1533.1	5110.1543.1	15A		<0.5 mA	47	2.2	0.1				

5110 with medical RFI filter (low leakage)

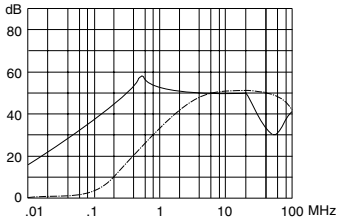
Screw-on	Snap-in 0.8 - 3.0 mm	I_n (A) T_{amb} 40˚C	U_n (V)	Max. leakage curr. @ 250V/50 HZ	Cx2 (nF)	Bleed resistor	L(2X) (mH)	Test voltage L,N	Test voltage E	Test voltage L	Test voltage N
5110.0133.3	5110.0143.3	1A	up to 250V max. 50/60 HZ	<5 µA	47	1 M ohm	11	2700V DC 2 sec.		1075V DC 2 sec.	
5110.0233.3	5110.0243.3	2A		<5 µA	47	1 M ohm	4				
5110.0333.3	5110.0343.3	3A		<5 µA	47	1 M ohm	2.5				
5110.0433.3	5110.0443.3	4A		<5 µA	47	1 M ohm	1.6				
5110.0633.3	5110.0643.3	6A		<5 µA	47	1 M ohm	0.7				
5110.0833.3	5110.0843.3	8A		<5 µA	47	1 M ohm	0.6				
5110.1033.3	5110.1043.3	10A		<5 µA	47	1 M ohm	0.4				
5110.1533.3	5110.1543.3	15A		<5 µA	47	1 M ohm	0.1				

5110 Series continued

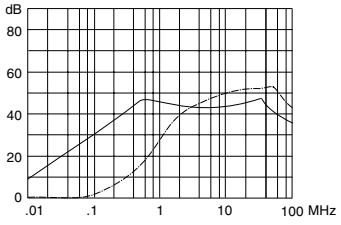
Attenuation Loss – Standard Filters

- - - - - symmetrical (differential mode): Line to line
_____ asymmetrical (common mode): Line to ground

1 A



NEW 2 A



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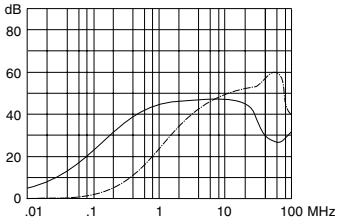

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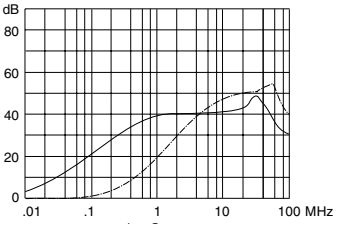

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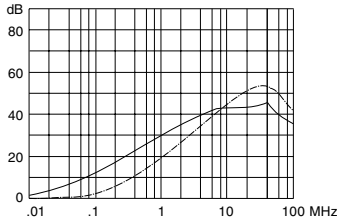

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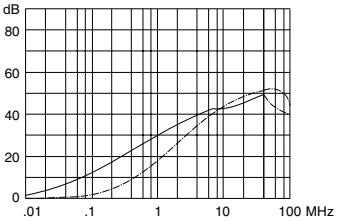

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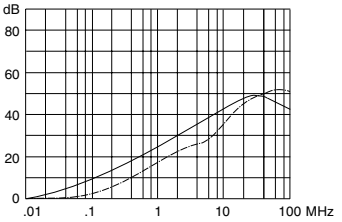

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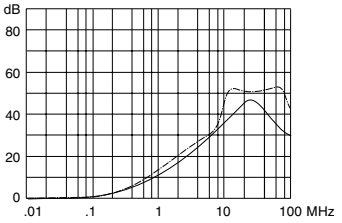
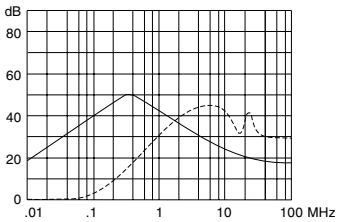


Attenuation Loss – Medical Filters

- - - - - symmetrical (differential mode): Line to line
_____ asymmetrical (common mode): Line to ground

1A



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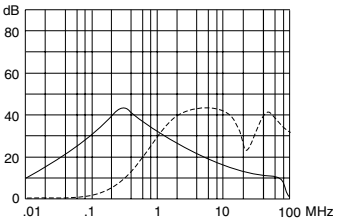

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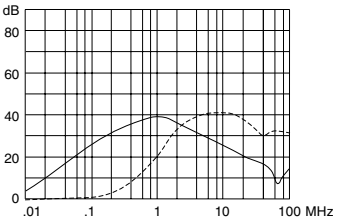

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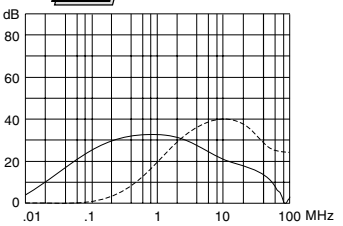

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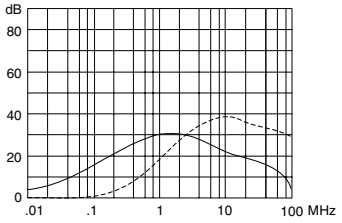

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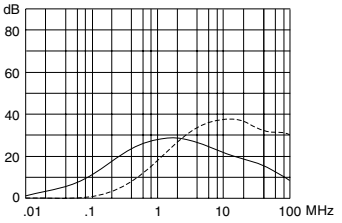

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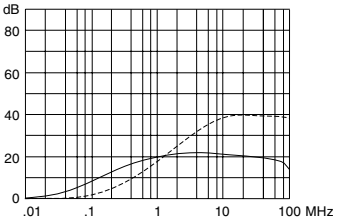

NEW 15A