



Chipsmall Limited consists of a professional team with an average of over 10 year of expertise in the distribution of electronic components. Based in Hongkong, we have already established firm and mutual-benefit business relationships with customers from,Europe,America and south Asia,supplying obsolete and hard-to-find components to meet their specific needs.

With the principle of “Quality Parts,Customers Priority,Honest Operation,and Considerate Service”,our business mainly focus on the distribution of electronic components. Line cards we deal with include Microchip,ALPS,ROHM,Xilinx,Pulse,ON,Everlight and Freescale. Main products comprise IC,Modules,Potentiometer,IC Socket,Relay,Connector.Our parts cover such applications as commercial,industrial, and automotives areas.

We are looking forward to setting up business relationship with you and hope to provide you with the best service and solution. Let us make a better world for our industry!



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AC Filter Cost Optimized

Standard- or Medical-Filter



Description

- Line filter in standard and medical version
- 1-stage
- standard attenuation

Approvals

- VDE Certificate Number: 40004673
- UL File Number: E72928

Characteristics

- Compact design
- High attenuation at maximum resp. asymmetric load independent from the line impedance
- Especially designed for industrial applications such as: Frequency Converters, Stepper Motor Drives, UPS-Systems, Inverters
- Suitable for use in equipment according to IEC/UL 60950
- Suitable for use in medical equipment according to IEC/UL 60601-1

Other versions on request

- Version with wire connection

References

Alternative: Standard version

Weblinks

[pdf datasheet](#), [html-datasheet](#), [General Product Information](#), [Approvals](#), [CE declaration of conformity](#), [RoHS](#), [CHINA-RoHS](#), [REACH](#), [Distributor-Stock-Check](#), [Detailed request for product](#)

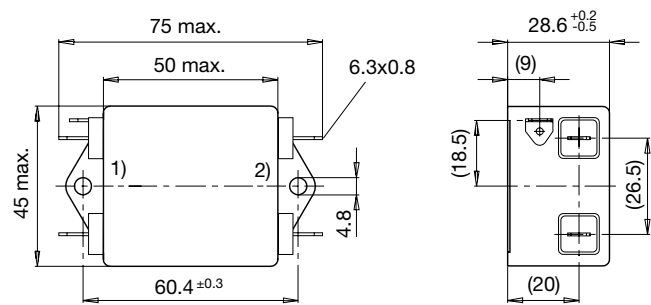
Technical Data

Ratings IEC	6 - 20A @ Ta 40 °C / 250VAC; 50Hz
Ratings UL/CSA	6 - 20A @ Ta 40 °C / 125VAC; 60Hz
Leakage Current	standard < 0.5mA (250V / 60Hz)
Dielectric Strength	1.7kVDC between L-N 2.7kVDC between L/N-PE Test voltage (2 sec)
Allowable Operation Temperature	-25 °C to 100 °C
Climatic Category	25/100/21 acc. to IEC 60068-1
Protection Class	Suitable for appliances with protection class I acc. to IEC 61140
Terminal	Quick connect terminals 6.3 x 0.8 mm
Material: Housing	Aluminum

Line Filter	Standard and Medical Version, IEC 60939, UL 1283, CSA C22.2 no. 8 Technical Details
MTBF	> 200'000h acc. to MIL-HB-217 F

Detailed information on product approvals, code requirements, usage instructions and detailed test conditions can be looked up in [General Product Information](#)

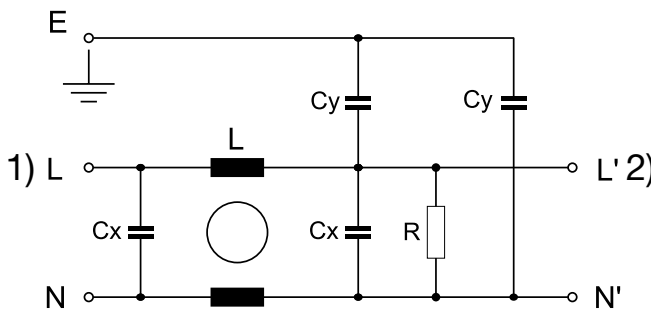
Dimension
Case 73



- 1) Line
- 2) Load

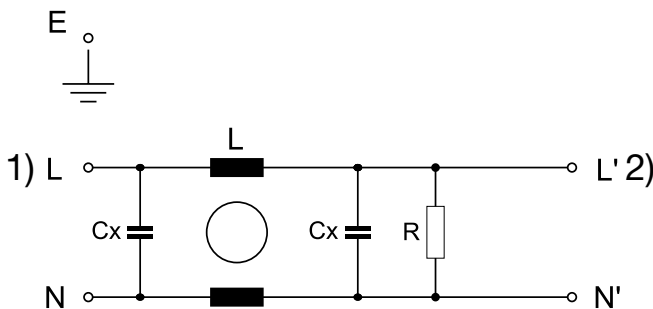
Diagrams

Standard version



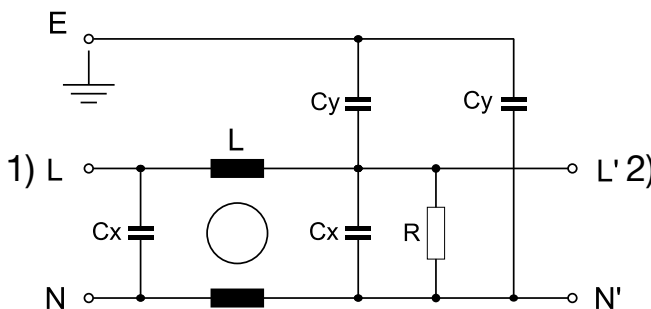
- 1) Line
- 2) Load

Medical version (M5)



- 1) Line
- 2) Load

Medical version (M80)



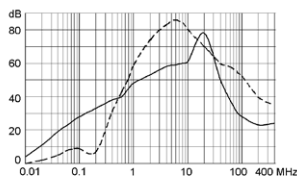
- 1) Line
- 2) Load

Attenuation Loss

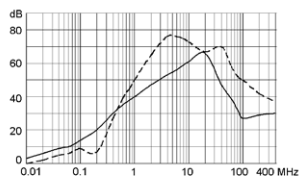
Standard version

--- 50Ω differential mode — 50Ω common mode

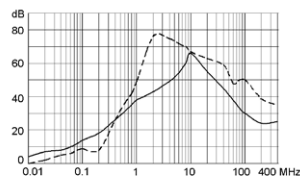
6 A



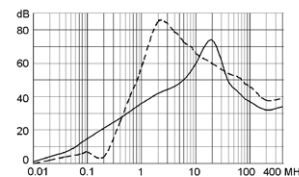
10 A



16 A

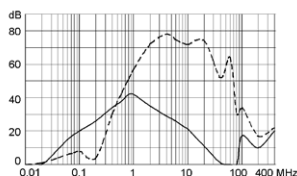


20 A

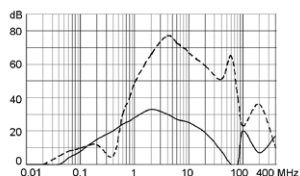


Medical version (M5)

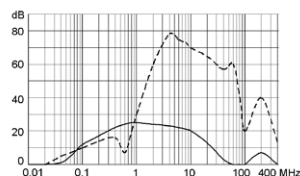
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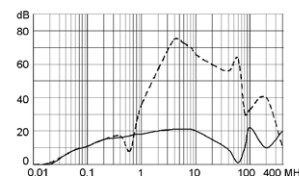
10 A



16 A

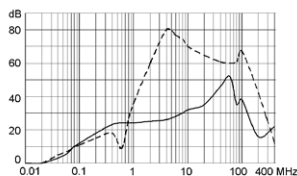


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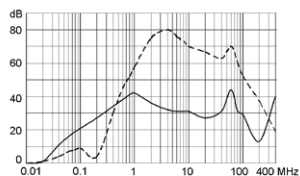


Medical version (M80)

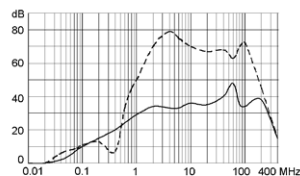
6 A



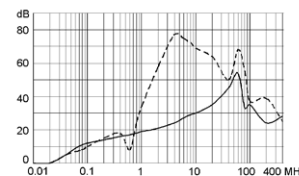
10 A



16 A



20 A



All Variants

Rated Current [A]	Filter-Type	L [mH]	Cx (X2) [μF]	Cy (Y2) [nF]	Weight [g]	Housings	R [MΩ]	Order Number	
6	Standard Version	2 x 1.8	0.1	4.7	116 g	73	1	5500.2031	■
10	Standard Version	2 x 0.82	0.1	4.7	122 g	73	1	5500.2032	■
16	Standard Version	2 x 0.64	0.1	4.7	131 g	73	1	5500.2033	■
20	Standard Version	2 x 0.5	0.1	4.7	135 g	73	1	5500.2034	■
6	Medical Version (M5)	2 x 1.8	0.1	-	116 g	73	1	5500.2072	
10	Medical Version (M5)	2 x 0.82	0.1	-	122 g	73	1	5500.2073	
16	Medical Version (M5)	2 x 0.64	0.1	-	131 g	73	1	5500.2074	
20	Medical Version (M5)	2 x 0.5	0.1	-	160 g	73	1	5500.2076	■
6	Medical Version (M80)	2 x 1.8	0.1	0.47	116 g	73	1	5500.2086	
10	Medical Version (M80)	2 x 0.82	0.1	0.47	122 g	73	1	5500.2087	
16	Medical Version (M80)	2 x 0.64	0.1	0.47	132.4 g	73	1	5500.2075	
20	Medical Version (M80)	2 x 0.5	0.1	0.47	160 g	73	1	5500.2088	

■ Most Popular.

Availability for all products can be searched real-time: <http://www.schurter.com/en/Stock-Check/Stock-Check-SCHURTER>

Packaging unit

10 Pcs