



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.

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AC Filter

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**

- Designed for standard applications
- Protection against interference voltage from the mains  
Possible interferences generated in the equipment are strongly attenuated
- Universal line filter for standard applications
- Suitable for use in equipment according to IEC/UL 60950

**Other versions on request**

- Version with wire connection
- Version with ZNR-varistor for overvoltage protection

**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**

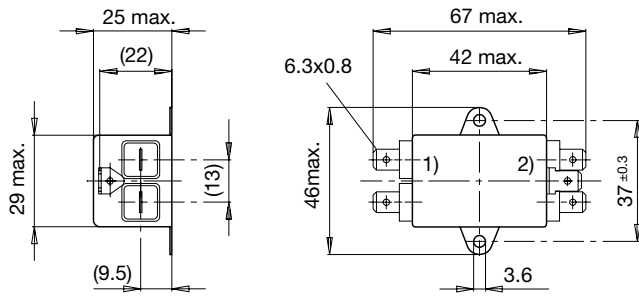
Ratings IEC	1 - 10A @ Ta 40 °C / 250VAC; 50Hz
Ratings UL/CSA	1 - 10A @ Ta 40 °C / 125VAC; 60Hz
Leakage Current	standard < 0.25mA (250V / 60Hz) medical (M5) < 5 µA resp. (M80) < 80 µA (250 V / 60 Hz)
Dielectric Strength	1.7 kVDC between L-N 2.7 kVDC between L/N-PE Test voltage (2 sec)
Allowable Operation 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 <a href="#">Technical Details</a>
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](#)

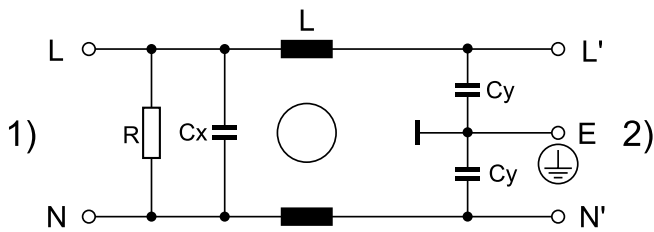
## Dimension

Case 41



- 1) Line
- 2) Load

## Diagrams



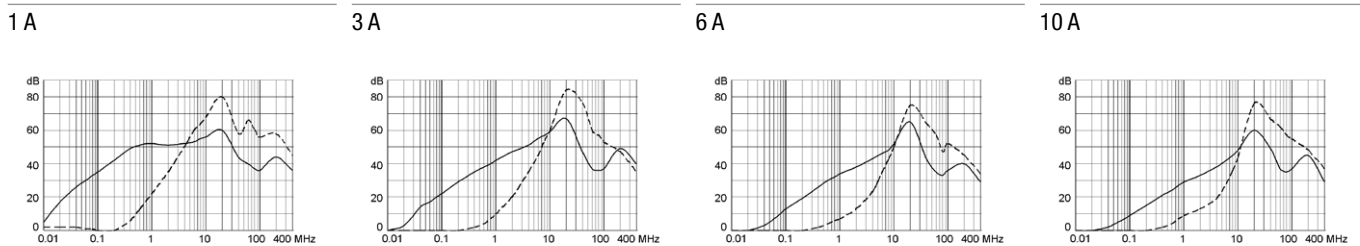
R and Cy according to version, see variants

- 1) Line, 2) Load

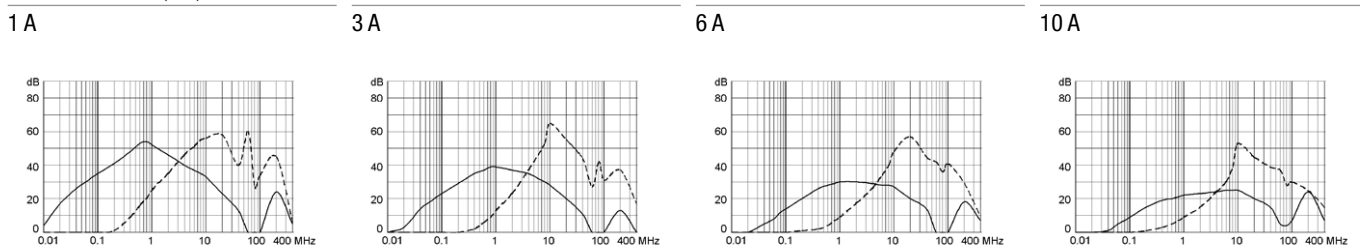
## Attenuation Loss

--- 50Ω differential mode    \_\_\_ 50Ω common mode

Standard version

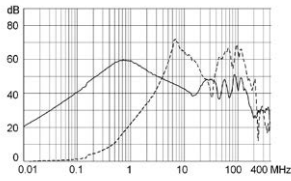


Medical version (M5)

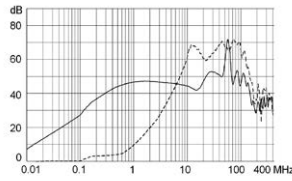


Medical version (M80)

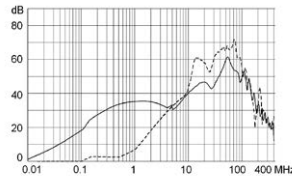
1 A



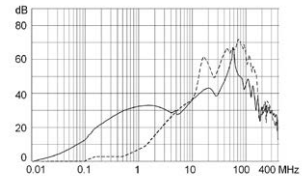
3 A



6 A



10 A



### All Variants

Rated Current [A]	Filter-Type	Leakage Current [mA]	L [mH]	Cx [nF]	Cy [nF]	R [MΩ]	Weight [g]	Order Number
1	Standard Version	0.25	2 x 10	15	2.2	-	55 g	5500.2039
3	Standard Version	0.25	2 x 2	15	2.2	-	55 g	5500.2040
6	Standard Version	0.25	2 x 0.8	15	2.2	-	55 g	5500.2041
10	Standard Version	0.25	2 x 0.4	15	2.2	-	55 g	5500.2042
1	Medical Version (M5)	0.005	2 x 10	15	-	1	55 g	5500.2098
3	Medical Version (M5)	0.005	2 x 2	15	-	1	55 g	5500.2104
6	Medical Version (M5)	0.005	2 x 0.8	15	-	1	55 g	5500.2100
10	Medical Version (M5)	0.005	2 x 0.4	15	-	1	55 g	5500.2102
1	Medical Version (M80)	0.08	2 x 10	15	0.47	1	55 g	5500.2099
3	Medical Version (M80)	0.08	2 x 2	15	0.47	1	55 g	5500.2105
6	Medical Version (M80)	0.08	2 x 0.8	15	0.47	1	55 g	5500.2101
10	Medical Version (M80)	0.08	2 x 0.4	15	0.47	1	55 g	5500.2103

Most Popular.

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

Packaging unit 25 Pcs