

Features

- General conducted attenuation performance
- Easy to install, compact size
- Front mounting
- Current rating 1A~10A
- With IEC320 AC socket and fuse holder

Marketing Applications

- Controls and communication systems
- Surveillance system
- Medical power supply
- Diagnostic imaging device
- Clinical chemistry analyzer

Numbering System

1 SS3 **2** - **3** **4** **5** **6** **7** - **8** (S)

1 Rated current

01,02,04,06,10

2 Electrical schematic

A: medical compliance

3 Additional schematic (optional)

A: high performance

4 Fuse holder

- 1: can be installed single fuse
- 2: can be installed dual fuses

5

Components value (refer Filter selection table)

S: Cx=0.1uF

6

Grounded choke (optional)

G: Lg= 100uH

7

Bleeder resistor (optional)

R: R= 1M ohm; 1/4W min.

8

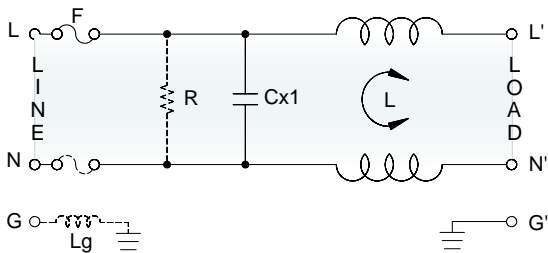
Output connections (refer Output terminal)

Q: fast-on tab (6.3mm)

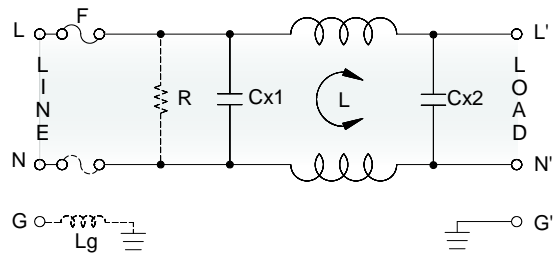
W: with wired (100mm)

Electrical Schematic

● A: medical compliance



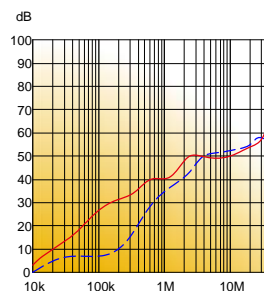
● A: high performance



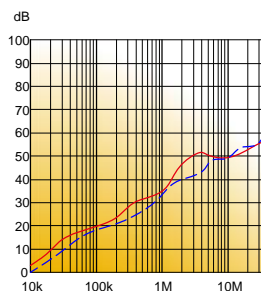
Filter Attenuation

Insertion loss (dB) in 50 ohm system CISPR 17 (for reference only)

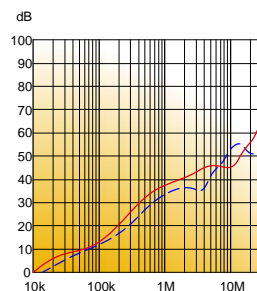
■ 1A~3A



■ 4A~6A





■ 8A~10A



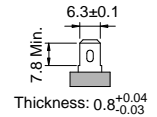
Common mode / Asymmetric (L-G) ————
Differential mode / Symmetric (L-L) - - - -

Filter Selection Table •

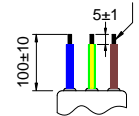
Filter Part No.	Rated Current @50°C [A]	Leakage Current @250VAC/50Hz [µA]	Inductance @10KHz, 0.25V [mH]	Capacitance			Output terminal	
				Cx1 [µF]	Cx2 [µF]	Cy [nF]		
A: medical compliance								
01SS3A-.S..	1	5	6.5	0.1	—	—	-Q	-W
02SS3A-.S..	2	5	3.8	0.1	—	—	-Q	-W
04SS3A-.S..	4	5	1.6	0.1	—	—	-Q	-W
06SS3A-.S..	6	5	0.8	0.1	—	—	-Q	-W
10SS3A-.S..	10	5	0.2	0.1	—	—	-Q	-W
A: high performance								
01SS3A-A.S..	1	5	6.5	0.1	0.1	—	-Q	-W
02SS3A-A.S..	2	5	3.8	0.1	0.1	—	-Q	-W
04SS3A-A.S..	4	5	1.6	0.1	0.1	—	-Q	-W
06SS3A-A.S..	6	5	0.8	0.1	0.1	—	-Q	-W
10SS3A-A.S..	10	5	0.2	0.1	0.1	—	-Q	-W

Output Terminal (unit: mm)

- **Q:** fast-on tab based on UL310 standard



- **W:** with wired stripped and tinned



Mechanical Drawing (unit: mm)

- screw mount | compact

