

Features

- Superior conducted attenuation performance
- Double stage power line filter
- Current rating 1A~20A
- Various output connections
- Practical solution for general devices

Numbering System

1 SS4 - 2 3 - 4

1 Rated current

01,03,06,10,15,20

2 Electrical schematic

2D,2F,2G

3 Type of case (refer Mechanical drawing)

C1,C2

4 Output connections (refer Output terminal)

Q: fast-on tab (6.3mm)

S: screw (M4)

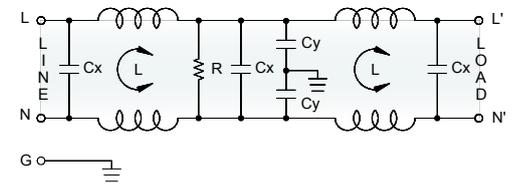
W: with wired (100mm)

Marketing Applications

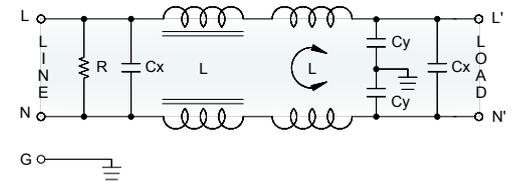
- Small household & Living appliances
- Energy management system
- Food processing equipment
- Automatic data processing system
- Automation

Electrical Schematic

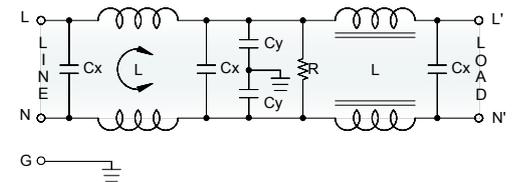
2D



2F



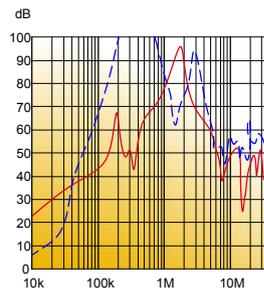
2G



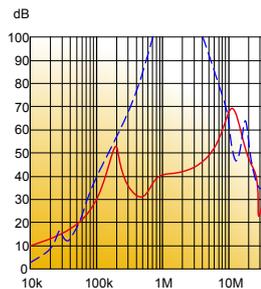
Filter Attenuation

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

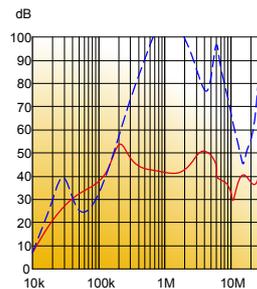
■ 1A~3A



■ 6A~10A



■ 15A~20A



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

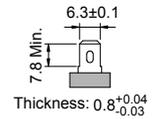
Filter Selection Table ●

Filter Part No.	Rated Current @50°C [A]	Leakage Current @250VAC/50Hz [μA]	Inductance @10KHz, 0.25V		Capacitance		Resistor R [Ω]	Output terminal		
			[mH]	[μH]	Cx [μF]	Cy [nF]				
2D:										
01SS4-2DC1	1	600	3.7	-	0.1	3.3	2.2M	-Q	-S	-W
03SS4-2DC1	3	600	1.8	-	0.1	3.3	2.2M	-Q	-S	-W
06SS4-2DC1	6	600	0.7	-	0.1	3.3	2.2M	-Q	-S	-W
10SS4-2DC2	10	600	0.3	-	0.1	3.3	2.2M	-Q	-S	-W
15SS4-2DC2	15	600	0.9	-	0.1	3.3	2.2M	-Q	-S	-W
20SS4-2DC2	20	600	0.5	-	0.1	3.3	2.2M	-Q	-S	-W
2F:										
03SS4-2FC1	3	1000	1	30	0.22	4.7	330K	-Q	-S	-W
06SS4-2FC2	6	1000	1.7	70	0.22	4.7	330K	-Q	-S	-W
10SS4-2FC2	10	1000	1.2	40	0.22	4.7	330K	-Q	-S	-W
2G:										
03SS4-2GC1	3	1000	1	30	0.22	4.7	330K	-Q	-S	-W
06SS4-2GC2	6	1000	1.7	70	0.22	4.7	330K	-Q	-S	-W
10SS4-2GC2	10	1000	1.2	40	0.22	4.7	330K	-Q	-S	-W

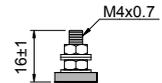
Output Terminal

(unit: mm)

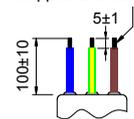
- **Q:** fast-on tab based on UL310 standard



- **S:** screw based on ISO4032 standard

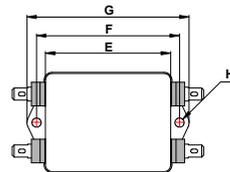
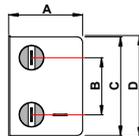


- **W:** with wired stripped and tinned



Mechanical Drawing (unit: mm) ●

- C type



Case	C1	C2
A	30	39.5
B	22.4	30
C	46	52.5
D	48	54
E	52	65.5
F	61	74.7
G	71	84.8
H	2-Ø5.3x6.3	2-Ø4.8