

### Features

- Standard conducted attenuation performance
- Single stage power line filter
- Current rating 10A~30A
- Various output connections
- Practical solution for general devices

### Marketing Applications

- Single-phase power supplies
- Data storage
- Broadcast installations
- Network technology
- Medical device (not body-coupled)

### Numbering System

1 SS4 - 2 3 - 4 5 - 6

1 Rated current  
10,15,20,30

2 Electrical schematic  
1A,1B

3 Type of case (refer Mechanical drawing)  
G1

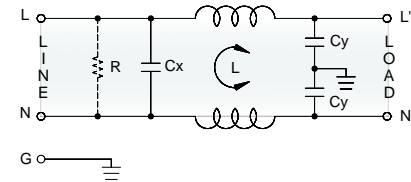
4 Components value (refer Filter selection table)  
B:  $C_x=0.1\mu\text{F}$ ,  $C_y=3.3\text{nF}$   
Blank:  $C_x=0.22\mu\text{F}$ ,  $C_y=3.3\text{nF}$

5 Bleeder resistor (optional, refer Filter selection table)  
R

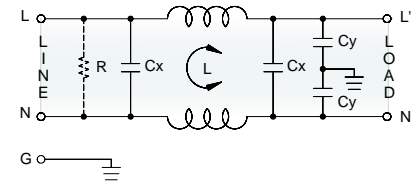
6 Output connections (refer Output terminal)  
Q: fast-on tab (6.3mm)  
S: screw (M4)

### Electrical Schematic

● 1A



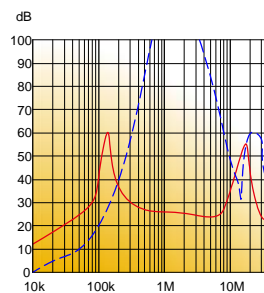
● 1B



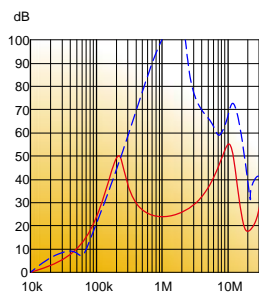
### Filter Attenuation

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

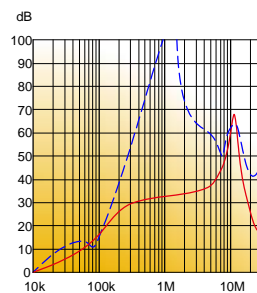
■ 10A



■ 15A~20A






■ 30A



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

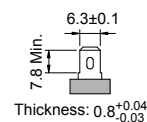
## Filter Selection Table ●

Filter Part No.	Rated Current @50°C [A]	Leakage Current @250VAC/50Hz [μA]	Inductance @10KHz, 0.25V [mH]	Capacitance		Resistor R [Ω]	Output terminal		
				Cx [μF]	Cy [nF]				
<b>1A:</b>									
10SS4-1AG1-B.	10	600	4	0.1	3.3	1M	-Q	-S	-
15SS4-1AG1-B.	15	600	3	0.1	3.3	1M	-Q	-S	-
20SS4-1AG1-B.	20	600	2	0.1	3.3	1M	-Q	-S	-
<b>1B:</b>									
10SS4-1BG1-.	10	600	4	0.22	3.3	2.2M	-Q	-S	-
15SS4-1BG1-.	15	600	3	0.22	3.3	2.2M	-Q	-S	-
20SS4-1BG1-.	20	600	2	0.22	3.3	2.2M	-Q	-S	-
30SS4-1BG1-.	30	600	1.5	0.22	3.3	2.2M	-Q	-S	-

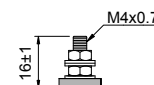
## Output Terminal

(unit: mm)

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

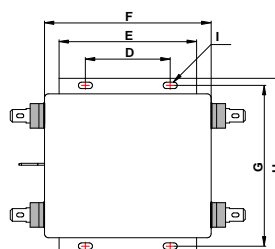
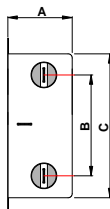


- **S:** screw based on ISO4032 standard



## Mechanical Drawing (unit: mm) ●

- G type



Case	G1
A	38.6
B	48.5
C	83.6
D	51
E	79
F	98
G	96.5
H	105
I	4-Ø4x6.5