

Features

- Superior conducted attenuation performance
- Compact design, lower cost
- With IEC320 AC socket
- Current rating 20A
- Practical solution for general devices

Marketing Applications

- IPC
- Measuring instruments
- Portable electrical and electronic equipment
- Audio and video processor
- Medical device (not body-coupled)

Numbering System

1 SS1 **2** - F **3** **4** **5** - **6**

1 Rated current

20

2 Electrical schematic

K: high performance

3 Components value (refer Filter selection table)

CE: Cx=0.22uF, Cy=2.2nF
CF: Cx=0.22uF, Cy=3.3nF

4 Grounded choke (optional)

G: Lg= 100uH

5 Bleeder resistor (optional)

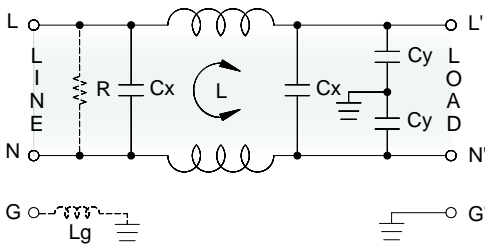
R: R= 1M ohm; 1/4W min.

6 Output connections (refer Output terminal)

Q: fast-on tab (6.3mm)
W: with wired (100mm)

Electrical Schematic •

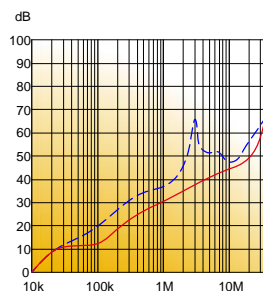
- K: high performance



Filter Attenuation



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

- 20A



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

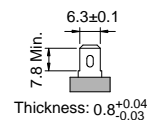
Filter Selection Table •

Filter Part No.	Rated Current @50°C [A]	Leakage Current @250VAC/50Hz [μA]	Inductance @10KHz,0.25V [mH]	Capacitance		Output terminal	
				Cx [μF]	Cy [nF]		
K: high performance							
20SS1K-FCE..	20	600	0.6	0.22	2.2	-Q	-W
20SS1K-FCF..	20	600	0.6	0.22	3.3	-Q	-W

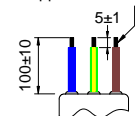
Output Terminal

(unit: mm)

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



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



Mechanical Drawing (unit: mm) •

- **F**

