

Features

- Superior conducted attenuation performance
- Compact design, lower cost
- With IEC320 AC socket
- Current rating 1A~15A
- Practical solution for medical devices

Marketing Applications

- Measuring instruments
- Remote health monitoring system
- UPS
- Medical device (not body-coupled)
- Portable electrical equipment

Numbering System

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

1 Rated current

01,03,06,10,15

2 Electrical schematic

L: medical compliance

3 Components value (refer Filter selection table)

CE: $C_x = 0.22\mu F$

4 Grounded choke (optional)

G: $L_g = 100\mu H$

5 Bleeder resistor (optional)

R: $R = 1M\ \Omega$; 1/4W min.

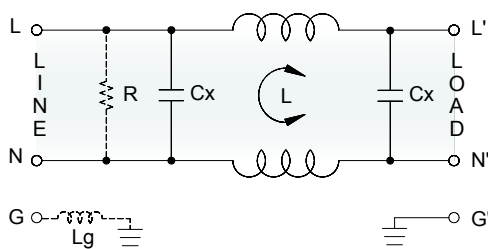
6 Output connections (refer Output terminal)

Q: fast-on tab (6.3mm)

W: with wired (100mm)

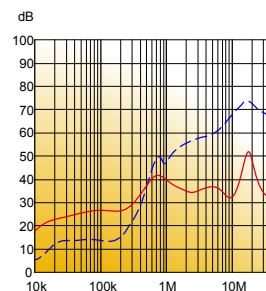
Electrical Schematic •

- L: medical compliance

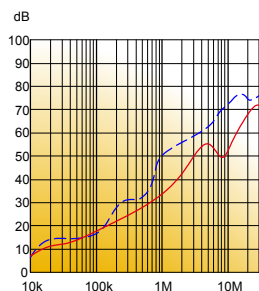


Filter Attenuation Insertion loss (dB) in 50 ohm system CISPR 17 (for reference only)

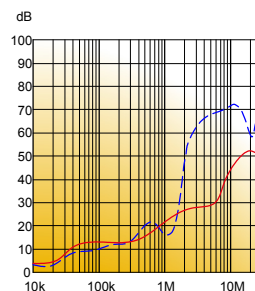
■ 1A~3A



■ 6A~10A



■ 15A



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

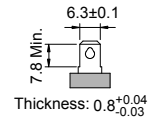
Filter Selection Table •

Filter Part No.	Rated Current @50°C [A]	Leakage Current @250VAC/50Hz [μA]	Inductance @10KHz, 0.25V [mH]	Capacitance Cx [μF]	Cy [nF]	Output terminal
L: medical compliance						
01SS1L-PCE..	1	5	10	0.22	-	-Q -W
03SS1L-PCE..	3	5	3	0.22	-	-Q -W
06SS1L-PCE..	6	5	1.2	0.22	-	-Q -W
10SS1L-PCE..	10	5	1.2	0.22	-	-Q -W
15SS1L-PCE..	15	5	0.7	0.22	-	-Q -W

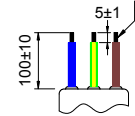
Output Terminal

(unit: mm)

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



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



Mechanical Drawing (unit: mm) •

- snap-in mount

