

### Features

- Right angle for output terminal
- Compact multi-purpose filter
- Current rating 1A~15A
- Various output connections
- Practical solution for general devices

### Marketing Applications

- Measuring instruments
- Household application
- Energy management system
- Food processing equipment
- Gaming PC

### Numbering System

**1** SS2 **2** - L **3** **4** **5** - **6**

**1** Rated current

01,03,06,10,15

**2** Electrical schematic

Blank: standard

**3** Components value (refer Filter selection table)

S: Cx=0.1uF, Cy=2.2nF

B: Cx=0.1uF, 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)

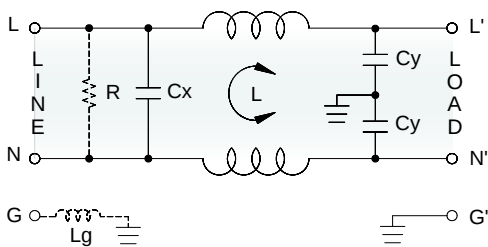
Q: fast-on tab (6.3mm)

S: solder tab (4mm)

W: with wired (100mm)

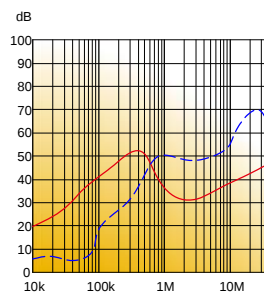
### Electrical Schematic •

• Blank: standard

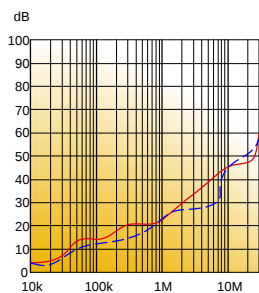


### Filter Attenuation Insertion loss (dB) in 50 ohm system CISPR 17 (for reference only)

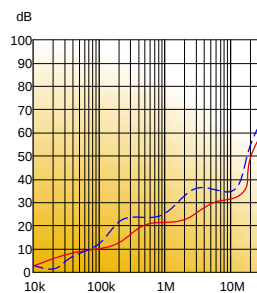
■ 1A~3A



■ 6A~10A



■ 15A



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

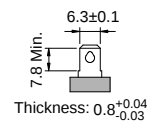
## Filter Selection Table •

| Filter Part No. | Rated Current<br>@50°C<br>[A] | Leakage Current<br>@250VAC/50Hz<br>[μA] | Inductance<br>@10KHz,0.25V<br>[mH] | Capacitance<br>Cx<br>[uF]    Cy<br>[nF] |     | Output<br>terminal<br>   |    |    |
|-----------------|-------------------------------|-----------------------------------------|------------------------------------|-----------------------------------------|-----|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----|----|
| Blank: standard |                               |                                         |                                    |                                         |     |                                                                                                                                                                                                                                                                                |    |    |
| 01SS2-LS..      | 1                             | 450                                     | 6.5                                | 0.1                                     | 2.2 | -Q                                                                                                                                                                                                                                                                             | -S | -W |
| 03SS2-LS..      | 3                             | 450                                     | 2.5                                | 0.1                                     | 2.2 | -Q                                                                                                                                                                                                                                                                             | -S | -W |
| 06SS2-LS..      | 6                             | 450                                     | 0.8                                | 0.1                                     | 2.2 | -Q                                                                                                                                                                                                                                                                             | -S | -W |
| 10SS2-LS..      | 10                            | 450                                     | 0.2                                | 0.1                                     | 2.2 | -Q                                                                                                                                                                                                                                                                             | -S | -W |
| 15SS2-LS..      | 15                            | 450                                     | 0.2                                | 0.1                                     | 2.2 | -Q                                                                                                                                                                                                                                                                             | -S | -W |
| 01SS2-LB..      | 1                             | 600                                     | 3.7                                | 0.1                                     | 3.3 | -Q                                                                                                                                                                                                                                                                             | -S | -W |
| 03SS2-LB..      | 3                             | 600                                     | 1.8                                | 0.1                                     | 3.3 | -Q                                                                                                                                                                                                                                                                             | -S | -W |
| 06SS2-LB..      | 6                             | 600                                     | 0.8                                | 0.1                                     | 3.3 | -Q                                                                                                                                                                                                                                                                             | -S | -W |
| 10SS2-LB..      | 10                            | 600                                     | 0.3                                | 0.1                                     | 3.3 | -Q                                                                                                                                                                                                                                                                             | -S | -W |
| 15SS2-LB..      | 15                            | 600                                     | 0.2                                | 0.1                                     | 3.3 | -Q                                                                                                                                                                                                                                                                             | -S | -W |

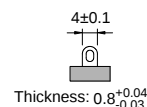
## Output Terminal

(unit: mm)

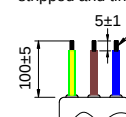
- **Q:** fast-on tab  
based on UL310 standard



- **S:** solder tab  
based on UL 310 standard

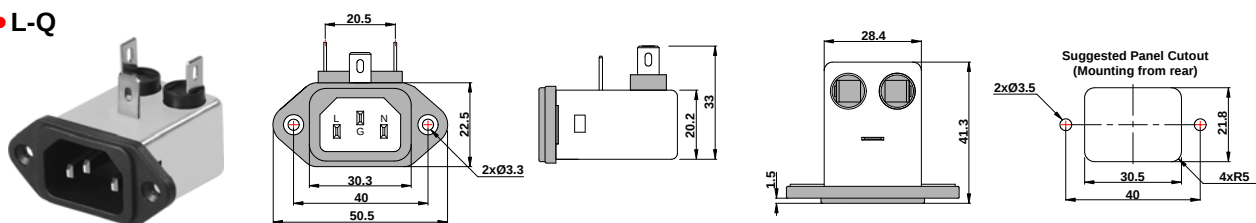


- **W:** with wired  
stripped and tinned



## Mechanical Drawing (unit: mm) •

- **L-Q**



- **L-S**

