

# POWERLINE SERIES

## IEC INLET FILTERS



### Features

- ◆ Meet over voltage category II of IEC664 and comply with IEC950
- ◆ Uses IEC connector that meets the safety standards of virtually all certifying organisations
- ◆ Both soldering lug type and fast-on tab types are available

### APPLICATIONS

- ◆ Gaming machines
- ◆ Digital equipment
- ◆ Personal computers and peripherals
- ◆ Measuring instruments
- ◆ Monitors and display units

**Rated Voltage:** 250V AC

**Frequency:** 50 / 60 Hz

**Temperature Range:** -25°C to + 85°C

**Approvals:** UL CSA TUV VDE

**Demko Fimko Semko Nemko approved products also available**

| Part Number         | Current (Amps) | Leakage Current | Temperature Rise |
|---------------------|----------------|-----------------|------------------|
|                     |                | (250V AC)       |                  |
| RID 01 2/4/A 2 S/H  | 1              | 0.35mA max      | 30°C             |
| RID 01 2/4/A 3 S/H  |                | 0.50mA max      |                  |
| RID 02 2/4/A 2 S/H  | 2              | 0.35mA max      | 30°C             |
| RID 02 2/4/A 3 S/H  |                | 0.50mA max      |                  |
| RID 03 2/4/A 2 S/H  | 3              | 0.35mA max      | 30°C             |
| RID 03 2/4/A 3 S/H  |                | 0.50mA max      |                  |
| RID 06 2/4/A 2 S/H  | 6              | 0.35mA max      | 45°C             |
| RID 06 2/4/A 3 S/H  |                | 0.50mA max      |                  |
| RID 10 2 2 S/H      | 10             | 0.35mA max      | 45°C             |
| RID 10 2 3 S/H      |                | 0.50mA max      |                  |
| RID L03 2/4/A 2 S/H | 3              | 0.35mA max      | 45°C             |
| RID L03 2/4/A 3 S/H |                | 0.50mA max      |                  |

### PART NUMBER CONFIGURATION

| RID                                           | 03                                 | 4                                     | 2                                       | S                     |
|-----------------------------------------------|------------------------------------|---------------------------------------|-----------------------------------------|-----------------------|
| SERIES                                        | CURRENT (Amps)                     | LINE-LINE CAP VALUE (INPUT SIDE) (mF) | LINE-GROUND CAP VALUE (INPUT SIDE) (pF) | OUTPUT TERMINAL STYLE |
| IEC Connector<br>Screw Mounting<br>Metal Case | 01:1                               | 2:0.022                               | 2:2200                                  | S:Solder Lug          |
|                                               | 02:2                               | 4:0.047                               | 3:3300                                  | F:Faston Tab #250     |
|                                               | 03:3                               | (except 10-Amp)                       |                                         |                       |
|                                               | L03:3 (higher performance than 03) | A:0.01 (except 10-Amp)                |                                         |                       |
|                                               | 06:6                               |                                       |                                         |                       |
|                                               | 10:10                              |                                       |                                         |                       |

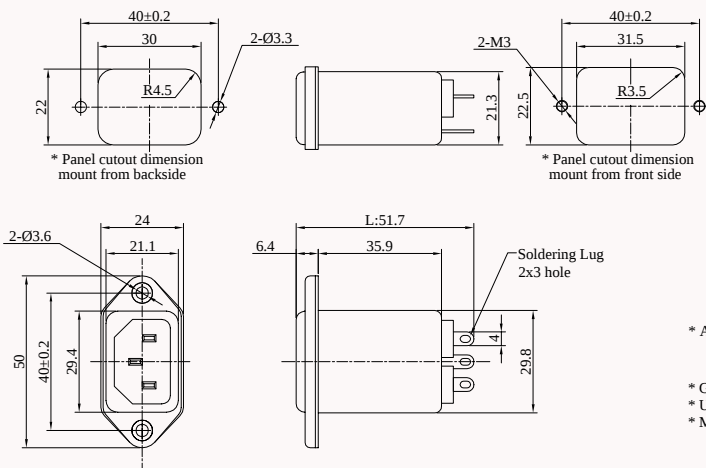
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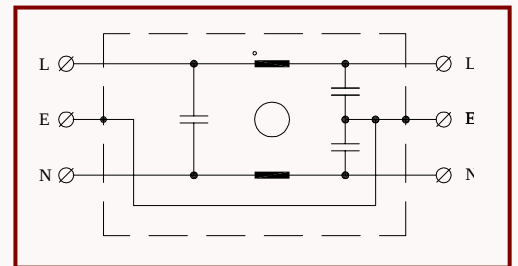
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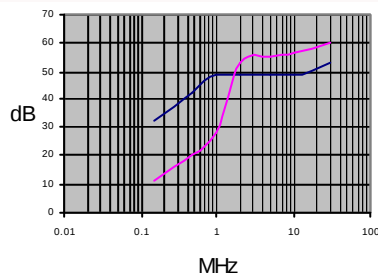


\* Alternative Terminal for ID-\*\*\*\*H  
: Faston Tab #250(L:53.5)t=0.8

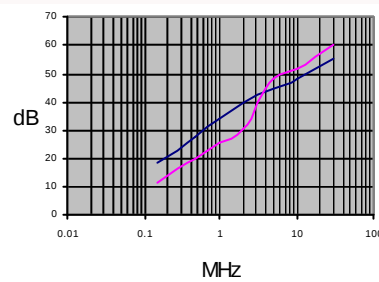
\* General Tolerance: ±0.3  
\* Unit: mm  
\* Metal Case



**RID0142H**

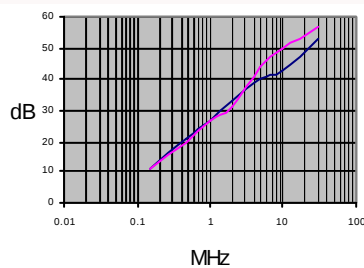


**RID0342H**

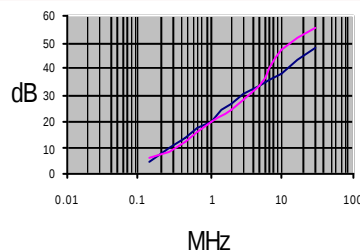


Common Mode ————  
Normal Mode ————

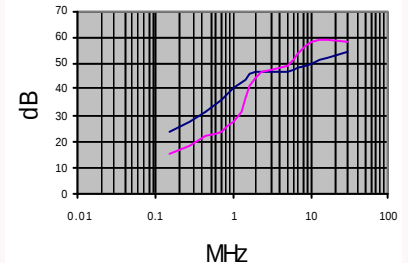
**RID0642H**



**RID1022H**



**RIDL03A2**



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