

# EMI/EMC FILTER

## RIR SERIES



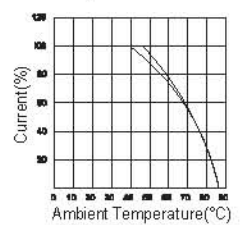
### FEATURES

- Inlet filter with fuse holder
- Suitable for the products that must conform to FCC, FTZ.
- Good shield effect by using metal case.
- Meet over voltage category I of IEC 60664 and comply with IEC 60950.
- Uses IEC connector that meets the safety standards of virtually all certifying organization.

### APPLICATIONS

- Personal computers and peripherals.
- Digital equipments.
- Measuring and testing instruments.
- Communication equipment.

## SPECIFICATIONS

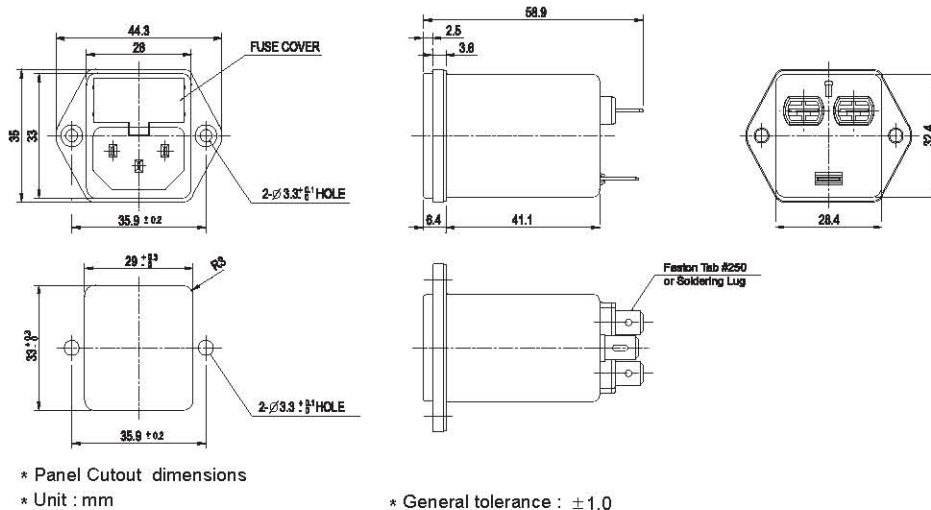
| Model      | Rated Voltage (AC,DC) | Rated Current | Leakage Current (250V AC) | Temperature Rise | Operating Temperature                                                                 |
|------------|-----------------------|---------------|---------------------------|------------------|---------------------------------------------------------------------------------------|
| RIR-02**H  | 250V                  | 2A            | -                         | 40°C max.        | -25°C to + 85°C<br>Including<br>temperature rise                                      |
| RIR-04**H  | 250V                  | 4A            | -                         | 45°C max.        |                                                                                       |
| RIR-06**H  | 250V                  | 6A            | -                         | 45°C max.        |                                                                                       |
| RIR-***0-H | -                     | *             | 0.01mA max.               | -                |  |
| RIR-***C-H | -                     | *             | 0.075mA max.              | -                |                                                                                       |
| RIR-***D-H | -                     | *             | 0.10mA max.               | -                |                                                                                       |
| RIR-***2-H | -                     | *             | 0.35mA max.               | -                |                                                                                       |
| RIR-***3-H | -                     | *             | 0.50mA max.               | -                |                                                                                       |

Note : Test Voltage : 1500VAC one minute line to earth.  
 Insulation Resistance : 300 Mohm min. at 500V DC.  
 Voltage Drop : 1V max. at rated current.  
 Weight : 78g  
 Inlet : Compatible with IEC-60320

### Model Number Construction

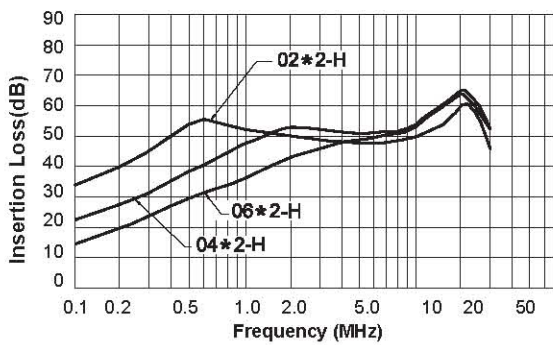
| RI                                   | R                                                         | 02                                                             | 2                                                              | 2                                                                                                                | H                                                              |
|--------------------------------------|-----------------------------------------------------------|----------------------------------------------------------------|----------------------------------------------------------------|------------------------------------------------------------------------------------------------------------------|----------------------------------------------------------------|
| Input Connector<br>I : IEC Connector | Special Design<br>R : Screw Mounting/<br>With Fuse Holder | Current Rating : AC rms<br>02 : 2amp<br>04 : 4amp<br>06 : 6amp | Line-Line<br>Cap. Value<br>1 : 0.1 $\mu$ F<br>2 : 0.22 $\mu$ F | Line-Gnd<br>Cap. Value<br>2 : 2200 $\mu$ F<br>3 : 3300 $\mu$ F<br>C : 330 $\mu$ F<br>D : 470 $\mu$ F<br>0 : None | Output Terminal Style<br>H : Faston Tab #250<br>S : Solder Lug |

## Shapes and Dimensions

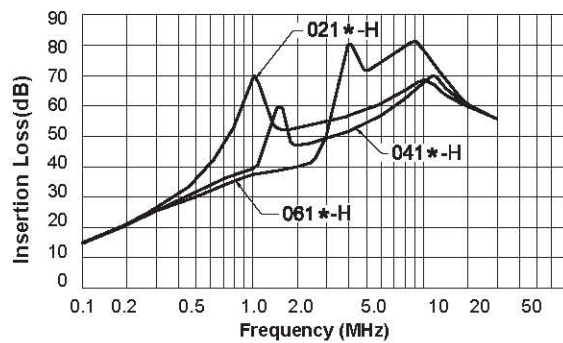


## Attenuation Characteristics

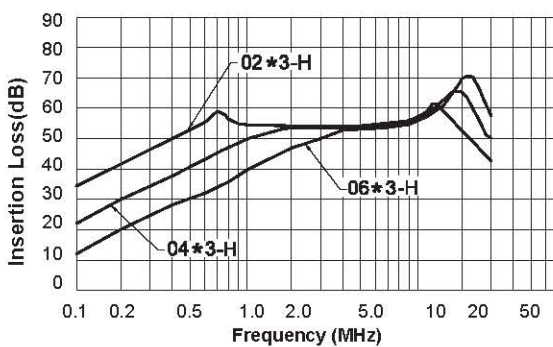
### ● Common Mode (IR-(02/04/06)\*2-H)



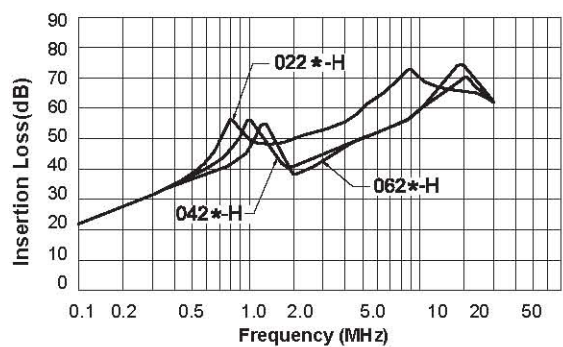
### ● Differential Mode (IR-(02/04/06) 1\*-H)



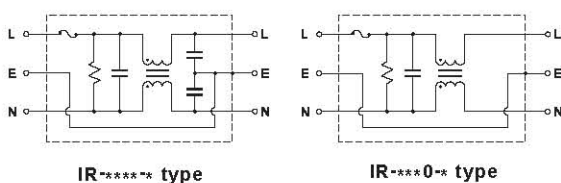
### ● Common Mode (IR-(02/04/06)\*3-H)



### ● Differential Mode (IR-(02/04/06)2 \*-H)



### ● Circuit Diagram



### ● Measurement configuration

