

# EMI/EMC FILTER

## IR SERIES



### FEATURES

- Inlet filter with fuse holder
- Good shield effect by using metal case.
- Meet over voltage category II of IEC 60664 and comply with IEC 60950.
- Uses IEC connector that meets the safety standards from certification bodies.

### APPLICATIONS

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

## SPECIFICATIONS

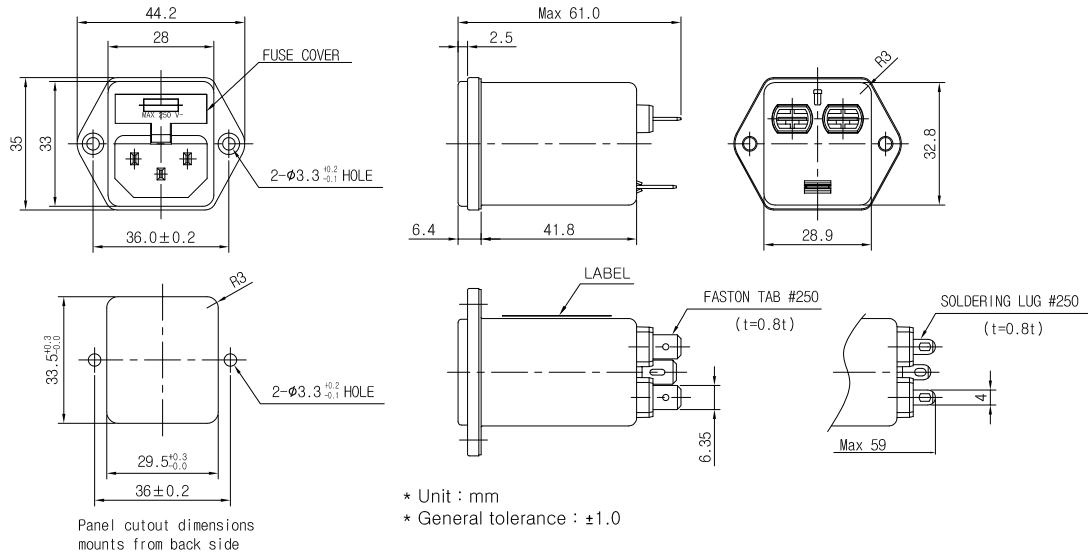
Model	Rated Voltage (AC,DC)	Rated Current	Leakage Current (250V AC)	Operating Temperature
IR-02**-*	250V	2A	-	-25°C to + 85°C Including temperature rise
IR-04**-*	250V	4A	-	
IR-06**-*	250V	6A	-	
IR-***0-*	-	*	0.01mA max.	<b>Derating Curve</b> 
IR-***C-*	-	*	0.075mA max.	
IR-***D-*	-	*	0.10mA max.	
IR-***2-*	-	*	0.35mA max.	
IR-***3-*	-	*	0.50mA max.	

Note : Test Voltage : 1500V AC 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

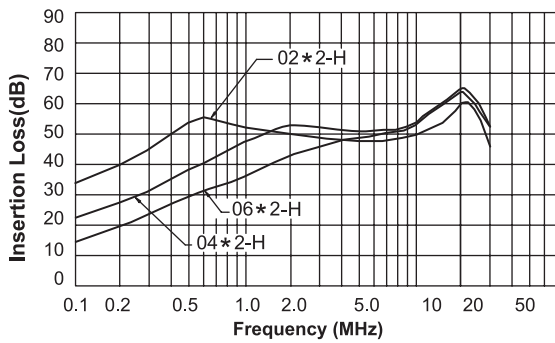
I	R	02	2	2	H
Input Connector I : IEC Connector	Special Design R : Screw Mounting/ With Fuse Holder	Current Rating : AC rms 02 : 2amp 04 : 4amp 06 : 6amp	Line-Line Cap.Value 1 : 0.1 $\mu$ F 2 : 0.22 $\mu$ F	Line-Gnd Cap.Value 2 : 2200 pF 3 : 3300 pF C : 330 pF D : 470 pF 0 : None	Output Terminal Style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

## Shapes and Dimensions

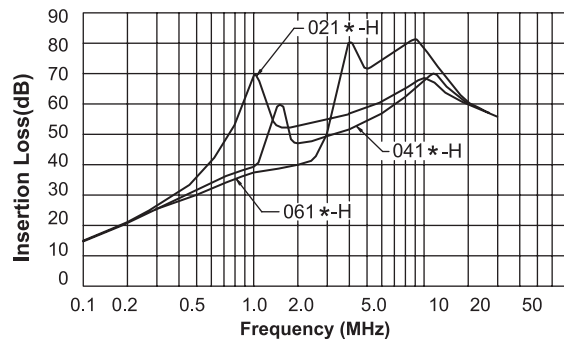


## Attenuation Characteristics

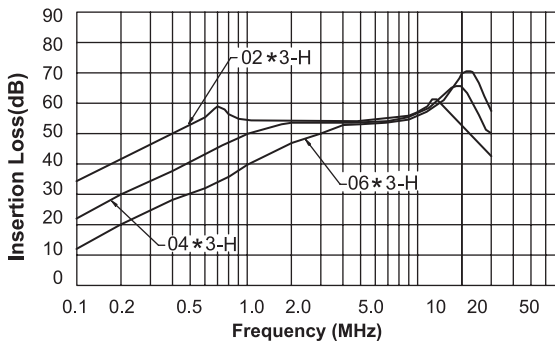
### ● Common Mode (IR-(02/04/06)\*2-H)



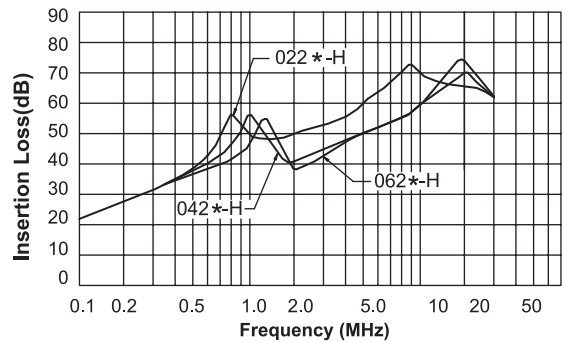
### ● Differential Mode (IR-(02/04/06) 1\*-H)



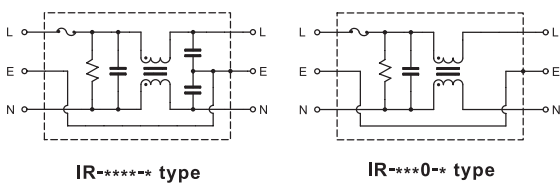
### ● Common Mode (IR-(02/04/06)\*3-H)



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



### ● Circuit Diagram



### ● Measurement configuration

