

# EMI/EMC FILTER

## IF/IK SERIES



### Features

- Ideally suited products that must conform to part 15, FCC regulations
- Metal cased miniature type with high performance
- Meet over voltage category II of IEC 60664 and comply with IEC 60950
- Uses IEC connector that meets the safety standards from certification bodies
- Snap in type for quick mounting
- Wire output type for small space and economical installation

### Applications

- Digital equipments
- Personal computers and peripherals
- Measuring instruments
- For use in miniature equipments
- For monitors display units

## Specifications

MODEL	Rated Voltage (AC, DC)	Rated Current	Leakage Current (250V AC)	Operating Temperature
IF/IK-(N)01**-W	250V	1A	-	-25°C to +85°C Including temperature rise Derating Curve 
IF/IK-(N)02**-W	250V	2A	-	
IF/IK-(N/L)03**-W	250V	3A	-	
IF/IK-(N)06**-W	250V	6A	-	
IF/IK-(N/L)10**-W	250V	10A	-	
IF/IK-(N/L)***0-W	-	-	0.01mA max.	
IF/IK-(N/L)***C-W	-	-	0.075mA max.	
IF/IK-(N/L)***D-W	-	-	0.10mA max.	
IF/IK-(N/L)***2-W	-	-	0.35mA max.	
IF/IK-(N/L)***3-W	-	-	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 : 50g  
 Inlet : Compatible with IEC-60320  
 IF/IK-(N)\*\*\*-W are UL unlisted  
 10A(KC, TUV, VDE+ENEC, CQC only)

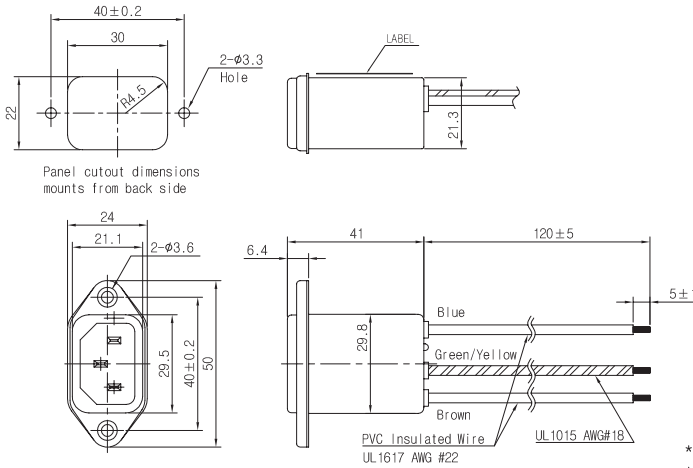
## Model Number Construction

I	F	03	4	2	W
Input Connector I : IEC Connector	Special Design F : Screw Mounting K : Snap-in with Lock spring	Current Rating : AC rms 01,N01 : 1amp 02,N02 : 2amp 03,N03,L03 : 3amp 06,N06 : 6amp L10 : 10amp ("L","N" high performance)	Line-Line Cap.Value 2 : 0.022 μF 4 : 0.047 μF A : 0.1 μF B : 0.15 μF	Line-Gnd Cap.Value 2 : 2200 pF 3 : 3300 pF C : 330 pF D : 470 pF 0 : None	Output Terminal W : PVC Insulated wire

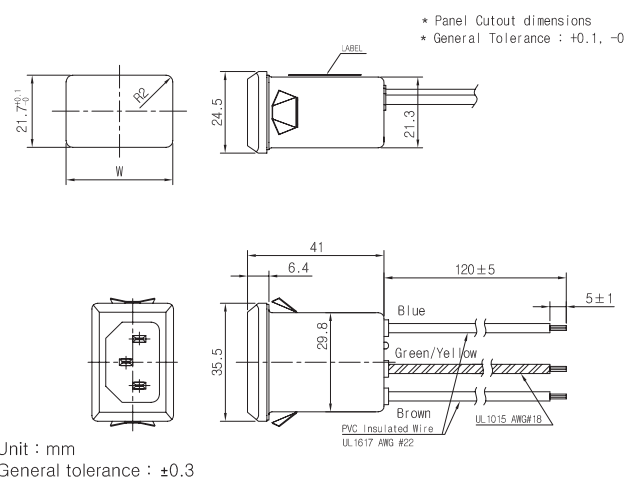
# Shapes and Dimensions

Chassis Thickness	W	State of Ass'y
0.8t	32	UNSTABLE
1.0t	32.30	STABLE
1.2t	32.40	STABLE
1.5t	32.50	STABLE

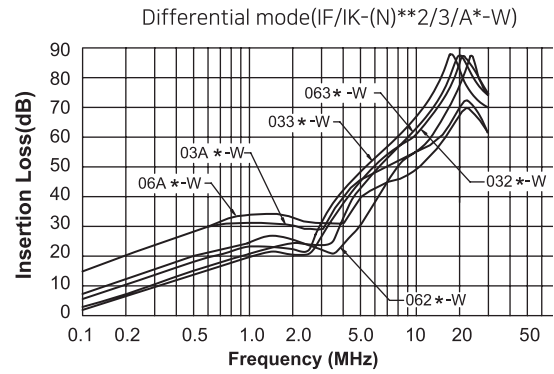
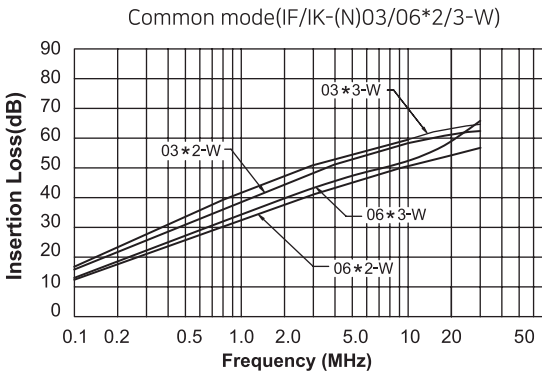
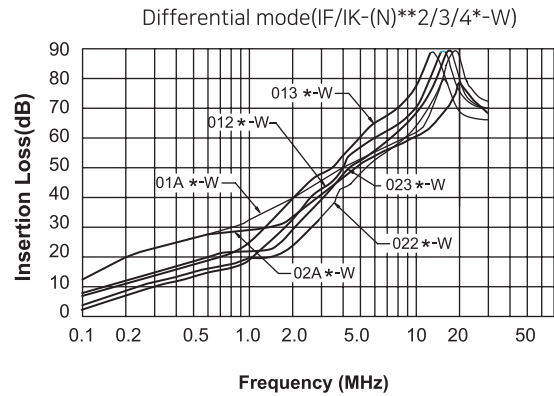
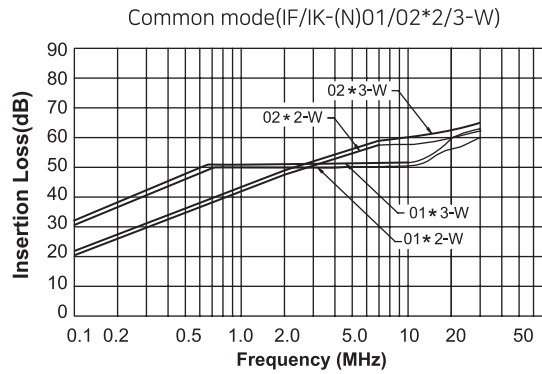
## IF Series



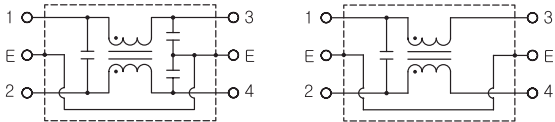
## IK Series



# Attenuation Characteristics



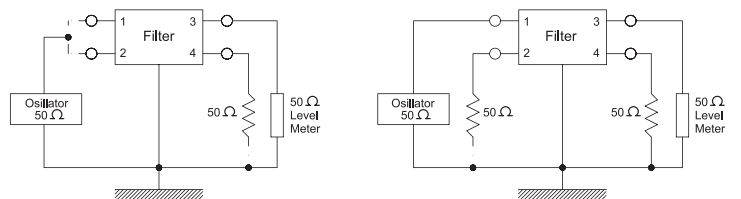
# Circuit Diagram



IF/IK-\*\*\*\*-\* type

IF/IK-\*\*\*0-\* type

# Measurement Configuration



Common mode

Differential mode