

# EMI/EMC FILTER

## IP/ IQ SERIES



### FEATURES

- A fuse holder and a double pole power ON/OFF switch.
- Suitable for the products that must conform to FCC, FTZ.
- Good shield effect by using metal case.
- Meet over voltage category II of IEC 664 and comply with IEC 950.
- Uses IEC connector that meets the safety standards of virtually all certifying organization.
- Snap in type for quick mounting.

- UL, CSA, TÜV, SEMKO, NEMKO, FIMKO, DEMKO approved.
- IP(IQ) — \*\*\*0(C/D) - H \* type : UL, CSA, TÜV, SEMKO approved.

### APPLICATIONS

- Digital equipments.
- Measuring and testing instruments.
- Communication equipments.

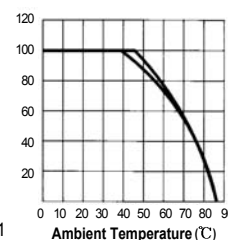
## SPECIFICATIONS

Model	Rated Voltage (AC, DC)	Rated Current	Leakage Current (250V AC)	Temperature Rise	Operating Temperature
IP(IQ)-021(2/4)2-H0(2)	250V	2A	0.35mA max.	40℃ max.	-25℃ to +85℃ Including temperature rise ※ Fig 1
IP(IQ)-041(2/4)2-H0(2)	250V	4A	0.35mA max.	45℃ max.	
IP(IQ)-061(2/4)2-H0(2)	250V	6A	0.35mA max.	45℃ 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 : 130g  
Inlet : Compatible with IEC-320.

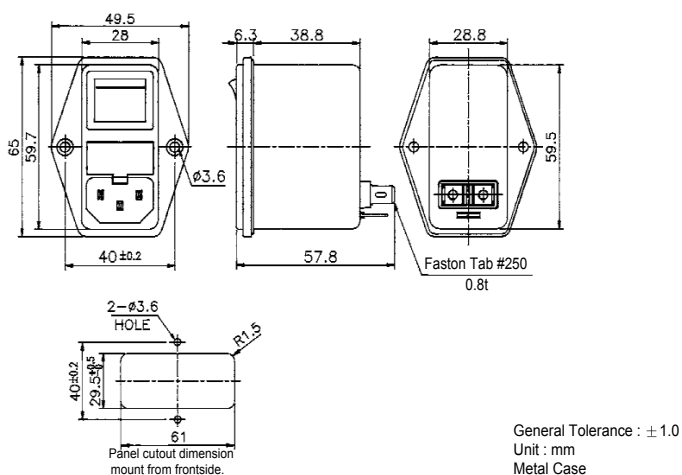
#### Model Number Construction

I	P	02	4	2	H	O
Input Connector I:IEC Connector	Special Design P:Screw Mounting/With Double Pole Switch and Fuse Holder Q:Snap-in with Lock Spring /With Double Pole Switch and Fuse	Current Rating :AC rms 02:2 amp 04:4 amp 06:6 amp	Line-Line Cap. Value (Input side) 1:0.1 $\mu$ F 2:0.22 $\mu$ F 4:0.47 $\mu$ F	Line-Gnd. Cap. Value 2:2200pF 3:3300pF 0:none(Medical) C:330pF (Medical) D:470pF (Medical)	Output Terminal Style H:Faston Tab #250	Line-Line Cap. Value (Output side) 0:none 2:0.22 $\mu$ F

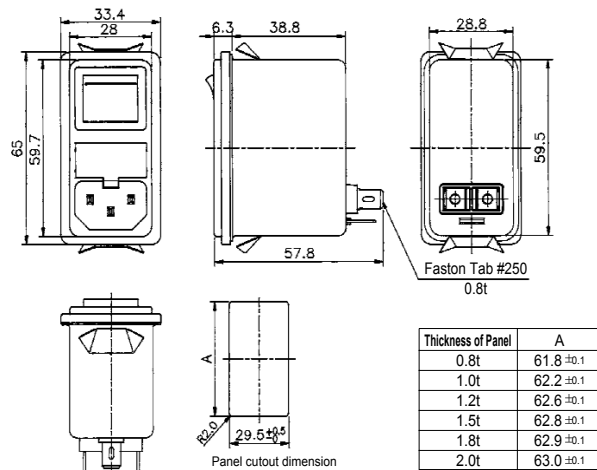


## Shapes and Dimensions

### IP Series

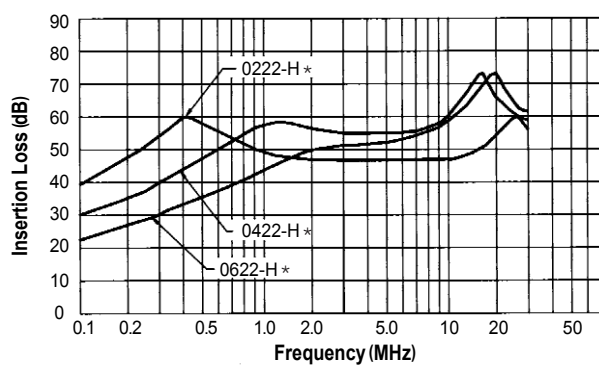


### IQ Series

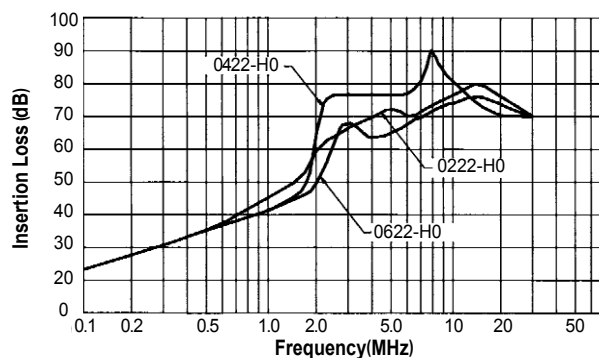


## Attenuation Characteristics

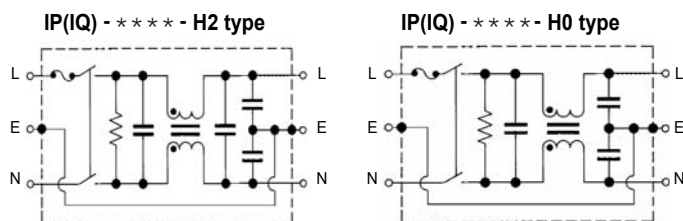
### ●Common Mode (IP, IQ - (02, 04, 06) \*2-H\* types)



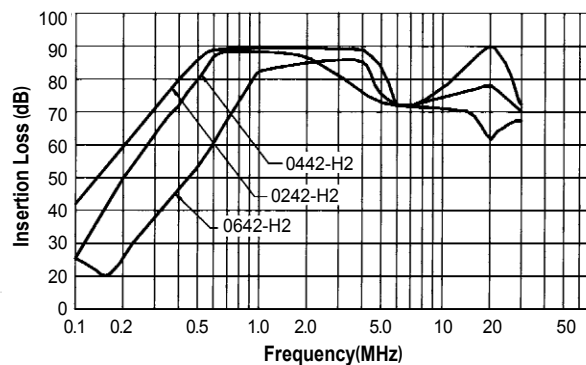
### ●Normal Mode (IP, IQ - (02, 04, 06) 22-H0 types)



### ●Circuit Diagram



### ●Normal Mode (IP, IQ - (02, 04, 06) 42-H2 types)



### ●Measurement Configuration

