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 vertually 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.

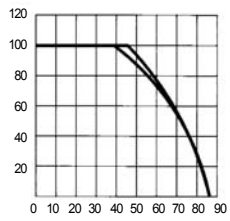
APPLICATIONS

- 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.



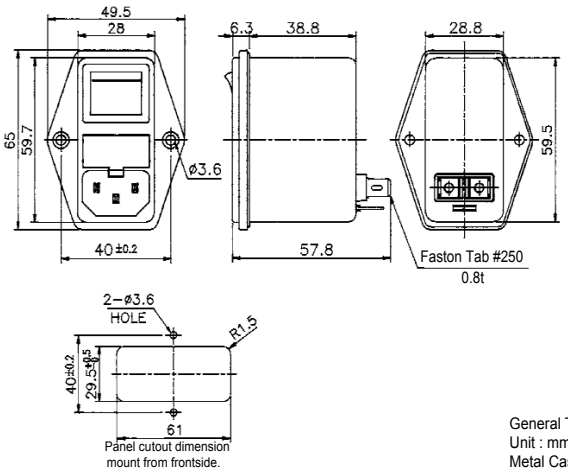
※Fig. 1

■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㎌ 2:0.22㎌ 4:0.47㎌	Line-Gnd. Cap. Value 2:2200㎊ 3:3300㎊ 0:none(Medical) C:330㎊ (Medical) D:470㎊ (Medical)	Output Terminal Style H:Faston Tab #250	Line-Line Cap. Value (Output side) 0:none 2:0.22㎌

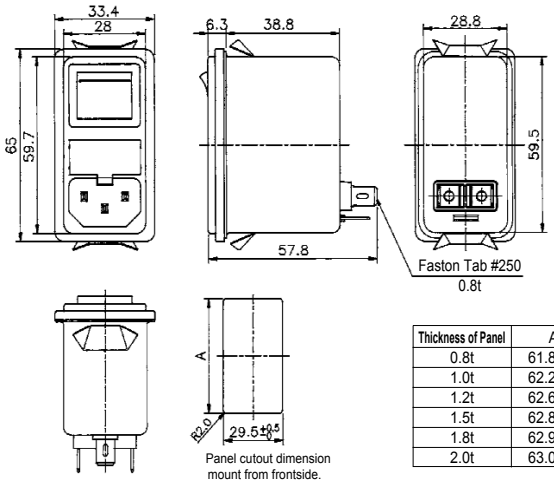
Shapes and Dimensions

IP Series



General Tolerance : ±1.0
Unit : mm
Metal Case

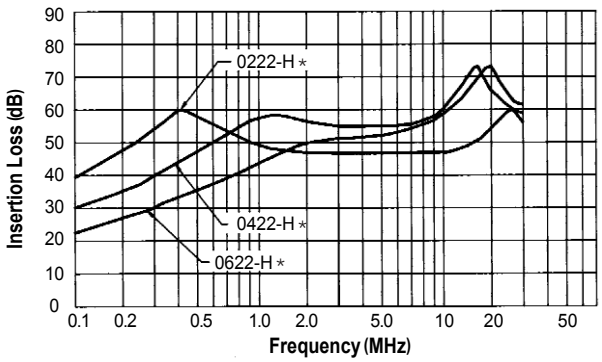
IQ Series



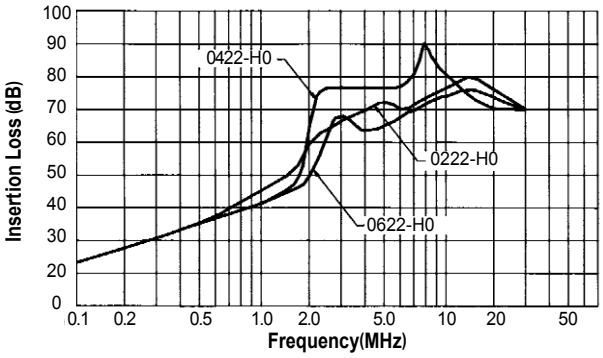
Thickness of Panel	A
0.8t	61.8 ±0.1
1.0t	62.2 ±0.1
1.2t	62.6 ±0.1
1.5t	62.8 ±0.1
1.8t	62.9 ±0.1
2.0t	63.0 ±0.1

Attenuation Characteristics

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

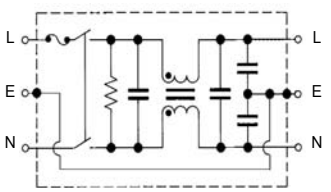


●Normal Mode (IP, IQ-(02, 04, 06)22-H0 types)

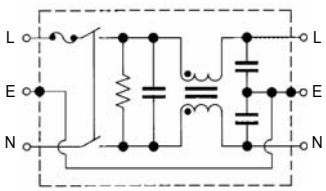


●Circuit Diagram

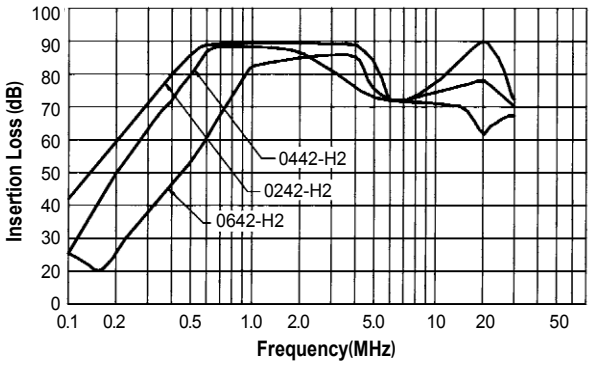
IP(IQ) - ＊＊＊＊ - H2 type



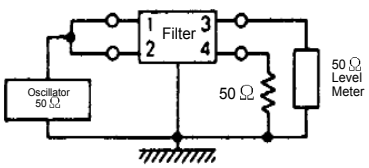
IP(IQ) - ＊＊＊＊ - H0 type



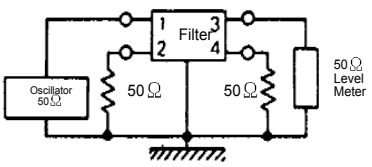
●Normal Mode (IP, IQ-(02, 04, 06)42-H2 types)



●Measurement Configuration



Common Mode



Normal Mode