

The PE 2200 Series is Multi-stage General Purpose EMI Filter.



**PE 2200**



**PE 2210**



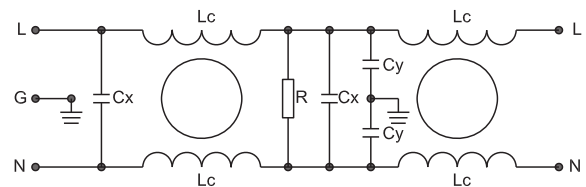
### Description :

- PE 2200 two-stage filters are designed for noisy applications requiring good differential and common-mode attenuation.
- Rated currents from 1 to 35A.
- Easy and fast chassis mounting.
- Optional medical versions (B type).
- Various terminal options: faston/screw/wire.

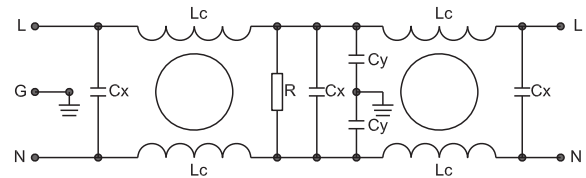
### Typical Applications :

- Electrical and electronic equipment.
- Industrial applications.
- Household equipment.
- Consumer goods.
- Electronic data processing equipment.
- Building automation.
- Office automation and datacom equipment.
- Machinery.
- Medical equipment.
- Various noisy applications requiring good filter performance

### Electrical Schematic :



**Fig 1**






**Fig 2**

### Specification :

Rated Voltage:	120/250VAC
Rated Current:	1A~35A
Operating Frequency:	50/60Hz
Temperature Range:	HPF 25/085/21
Test Voltage ( 1min ):	
Line to Ground:	2000VAC
Line to Line:	1450VDC

### Filter Selection Table :

Filter	Rated Current (A)	Rated Voltage (V)	Leakage Current (mA)	Input/Output Connections			Electrical Schematic	Dimension
								
PE2200-3-01	3	120/250	0.5			01	1	1
PE2200-6-01	6	120/250	0.5			01	1	1
PE2200-10-01	10	120/250	0.5			01	1	2
PE2200-16-01	16	120/250	0.5			01	1	2
PE2200-1-03	1	120/250	0.5			03	1	3
PE2200-3-03	3	120/250	0.5			03	1	3
PE2200-6-03	6	120/250	0.5			03	1	3
PE2200-10-06	10	120/250	0.5	06			1	4
PE2200-20-06	20	120/250	0.5	06			1	5
PE2200-30-06	30	120/250	1	06			1	6
PE2200-35-06	35	120/250	1	06			1	6
PE2210-3-01	3	120/250	0.5			01	2	1
PE2210-6-01	6	120/250	0.5			01	2	1
PE2210-10-01	10	120/250	0.5			01	2	2
PE2210-16-01	16	120/250	0.5			01	2	2
PE2210-10-06	10	120/250	0.5	06			2	4

### Mechanical Dimension:

(Unit:mm)

All dimensions in mm; 1 inch=25.4mm

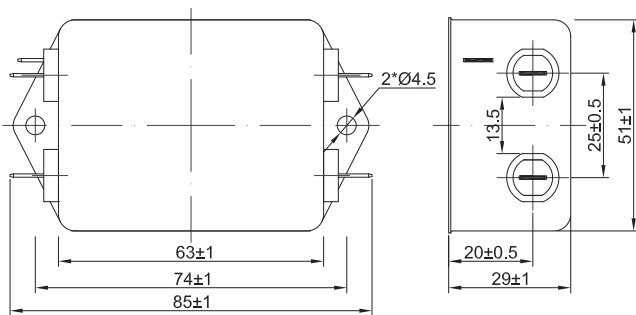


Fig 1

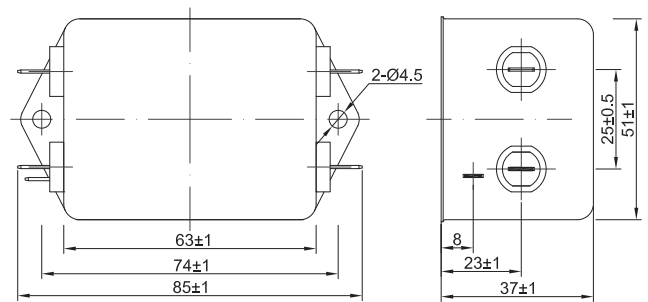


Fig 2

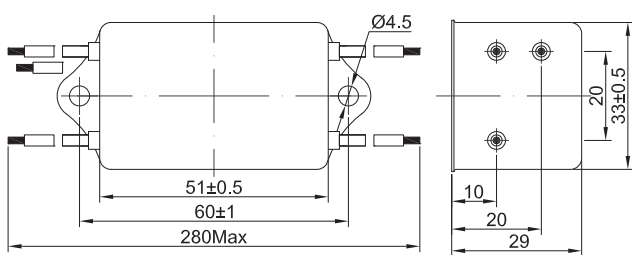


Fig 3

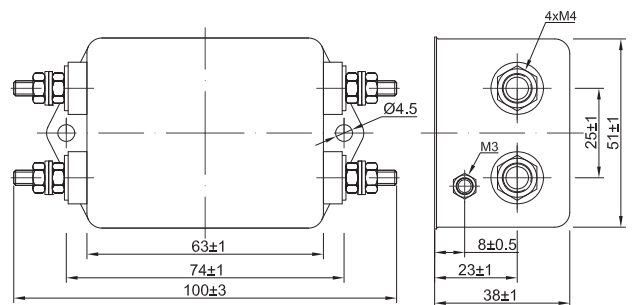


Fig 4

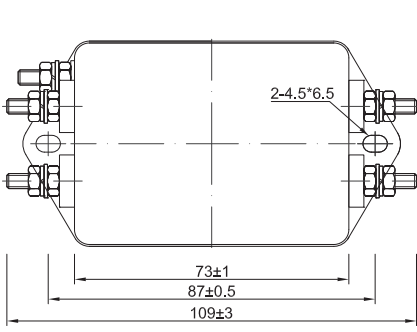


Fig 5

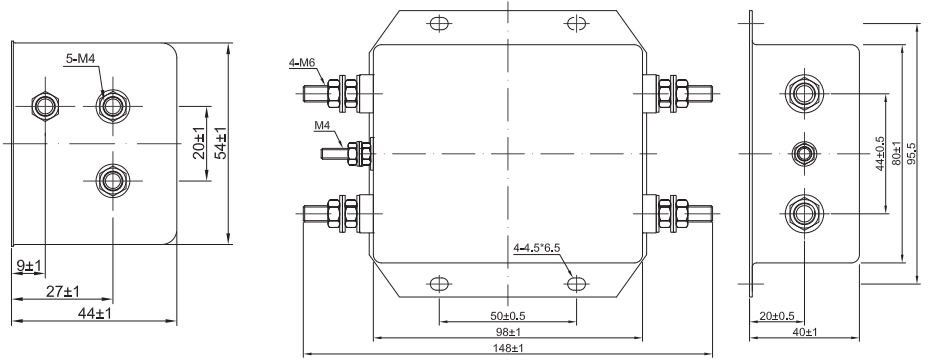
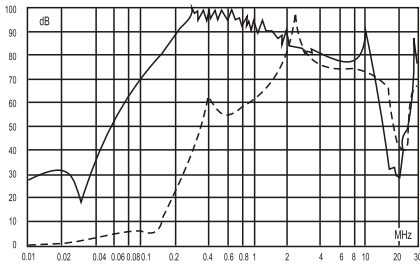


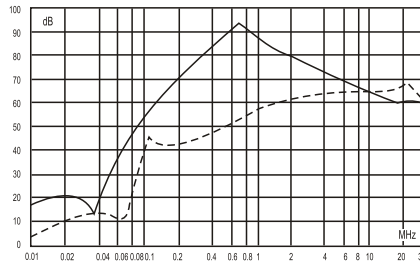
Fig 6

## Insertion Loss in dB:

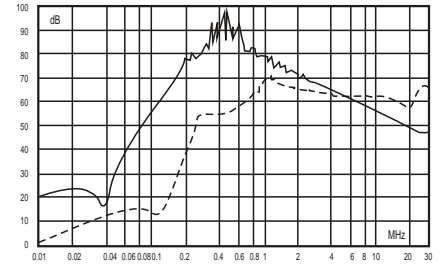
(Measured in 50Ω system, as IEC/CISPR NO.17)



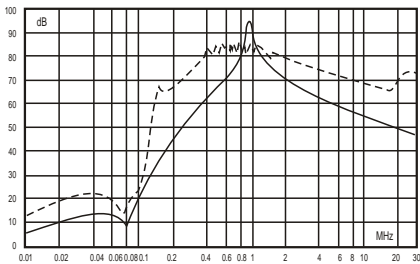
2200 (1A)



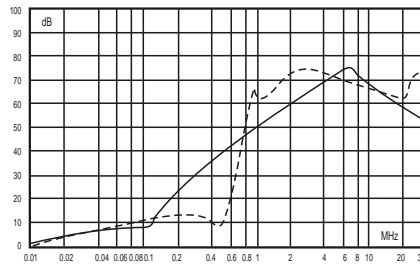
2200 (3A)



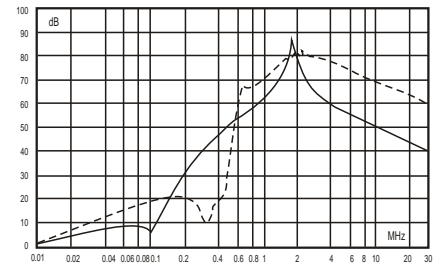
2200 (6A)



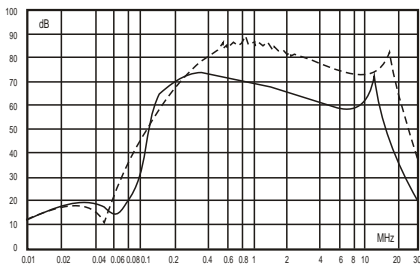
2200 (10A)



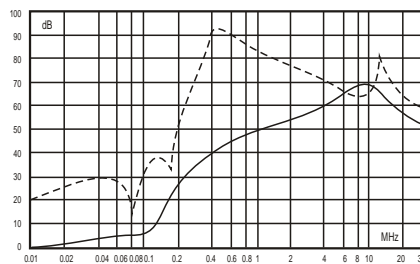
2200 (16A)



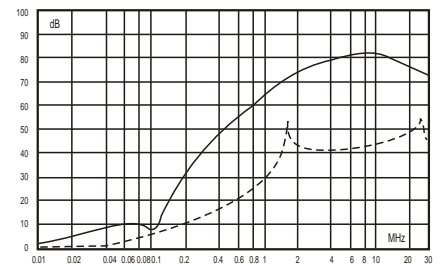
2200 (20A)



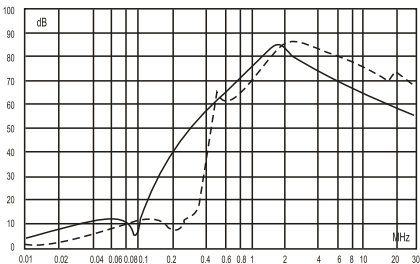
2200 (30A)



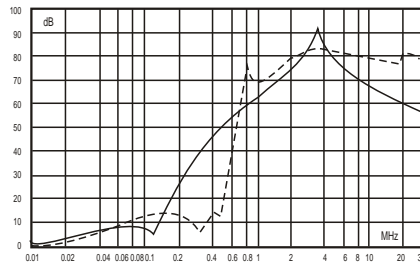
2200 (35A)



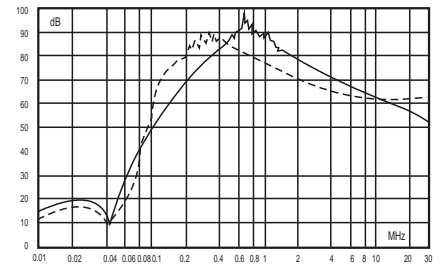
2210 (3A)



2210 (6A)



2210 (10A)



2210 (16A)

----- Differential Mode  
 \_\_\_\_\_ Common Mode