

The PE 5100 Series is DC Filter.



PE 5100



Description :

- Designed for DC power line.
- Excellent differential and common-mode attenuation.
- High performance,easy to install.
- Custom design acceptable.

Typical Applications :

- Available for all kinds of electronic equipments and measuring instruments
(DC side): switching power supply,Private Branch Exchange(PBX),data communication etc.

Electrical Schematic: :

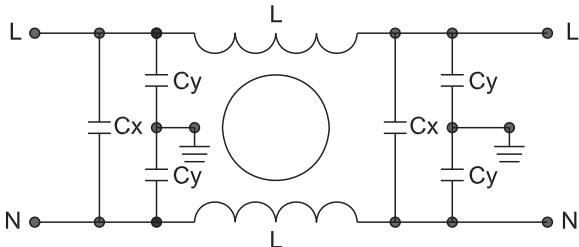


Fig 1

Specification :

Rated Voltag:	80VDC/250VDC
Rated Current:	50A~140A
Operating Frequency:	DC
Temperature range :	25/085/21
Test Voltage (1min):	
line to ground:	350VDC
line to line:	500VDC

Filter Selection Table :

Filter	Rated current (A)	Rated voltage (V)	Leakage Current (mA)	Input/Output connections 	Electrical Schematic	Dimension
PE5100-50-06	50	80/250	DC	06	1	1
PE5100-80-06	80	80/250	DC	06	1	1
PE5100-100-06	100	80/250	DC	06	1	2
PE5100-140-06	140	80/250	DC	06	1	2

Outline Drawing and Dimensions:

(Unit:mm)

All dimensions in mm; 1 inch=25.4mm

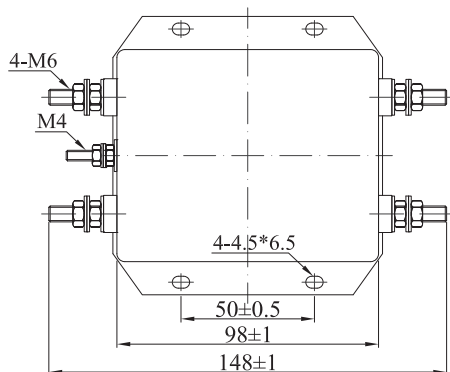


Fig 1

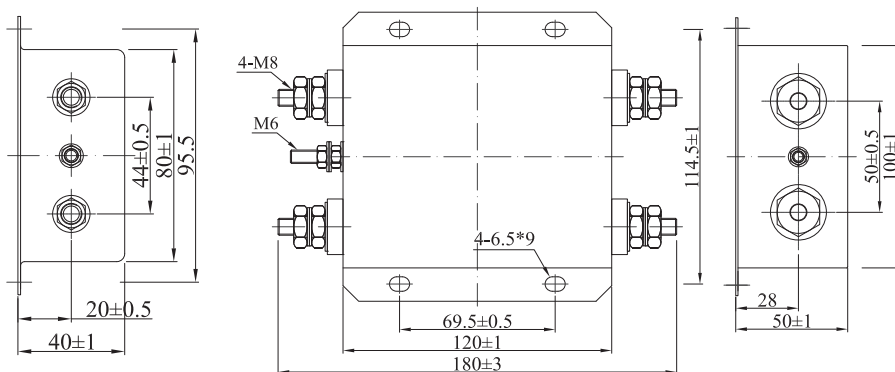
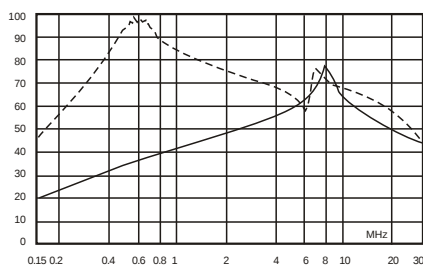


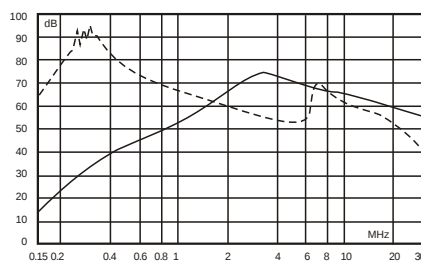
Fig 2

Insertion Loss in dB:

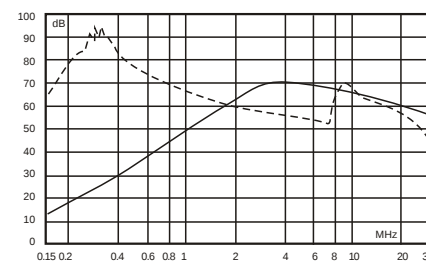
(Measured in 50Ω system , as IEC/CISPR NO.17)



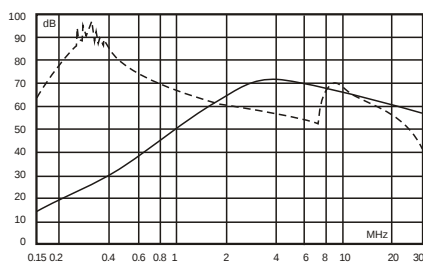
50A



80A



100A



140A

----- Differential Mode
 ——— Common Mode