

Description

- MCT2S7 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.
- Various terminal options: faston/screw/wire.

Electrical Schematic:

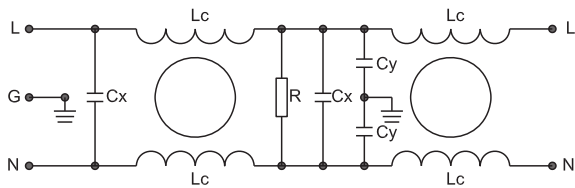


Fig 1

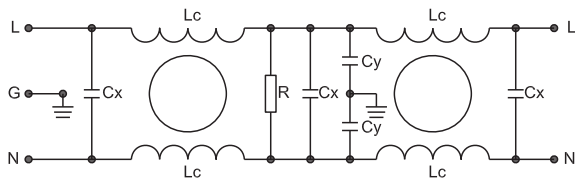


Fig 2

















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

Specification :

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

Data table:

MCT PN:	Rated Current: A	Rated Voltage: V	Leakage Current: mA	Input/Output connections	Electrical Schematic:	Dimension
MCT2S7-3-1	3	120/250	0.5		1	45
MCT2S7-6-1	6	120/250	0.5		1	45
MCT2S7-10-1	10	120/250	0.5		1	46
MCT2S7-16-1	16	120/250	0.5		1	46
MCT2S7-1-3	1	120/250	0.5		1	47
MCT2S7-3-3	3	120/250	0.5		1	47
MCT2S7-6-3	6	120/250	0.5		1	47
MCT2S7-10-6	10	120/250	0.5		1	48
MCT2S7-20-6	20	120/250	0.5		1	49
MCT2S7-30-6	30	120/250	1		1	50
MCT2S7-35-6	35	120/250	1		1	50
MCT2S8-3-1	3	120/250	0.5		2	45
MCT2S8-6-1	6	120/250	0.5		2	45
MCT2S8-10-1	10	120/250	0.5		2	46
MCT2S8-16-1	16	120/250	0.5		2	46
MCT2S8-10-6	10	120/250	0.5		2	48

Dimension: unit :mm

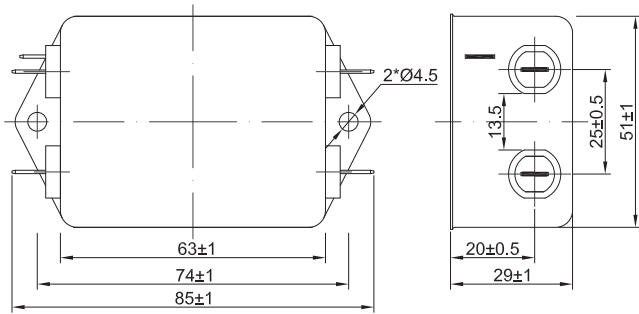


Fig 45

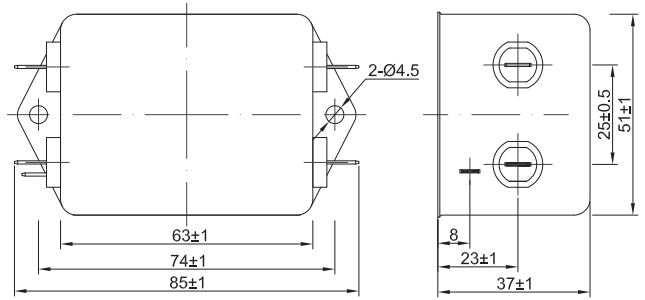


Fig 46

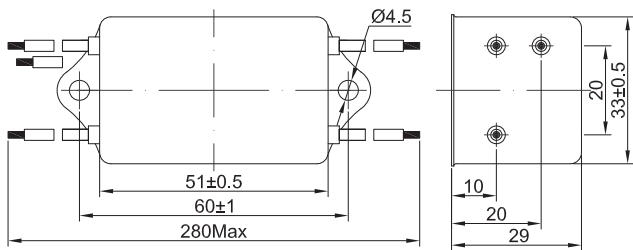


Fig 47

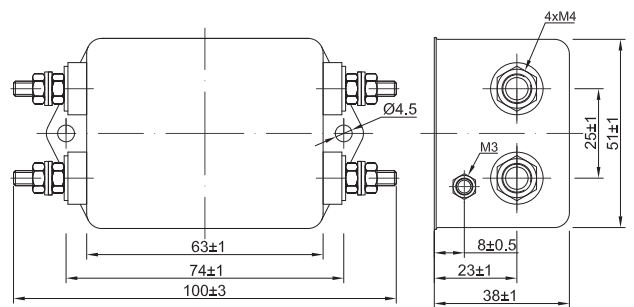


Fig 48

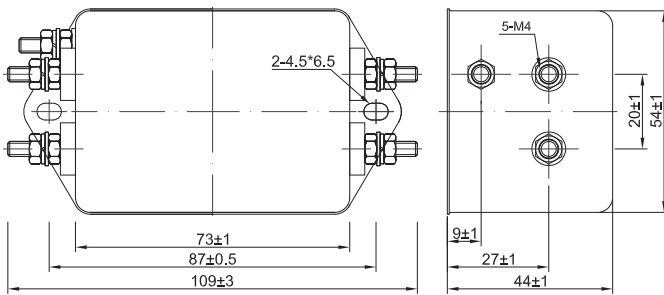


Fig 49

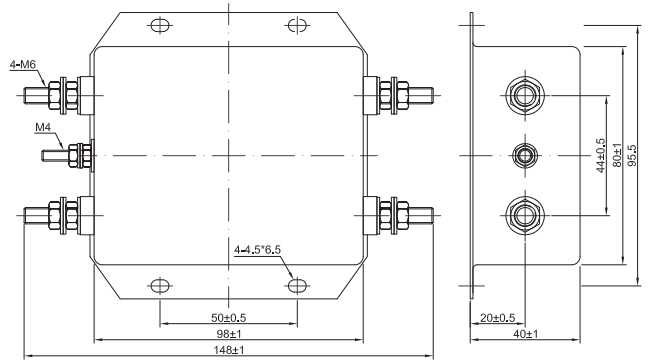
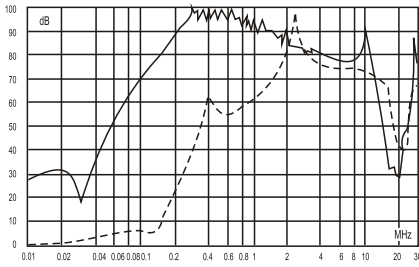


Fig 50

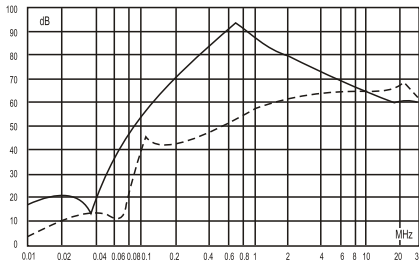
Insertion Loss in dB:

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

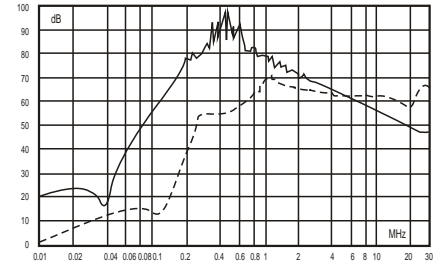
----- Differential Mode
———— Common Mode



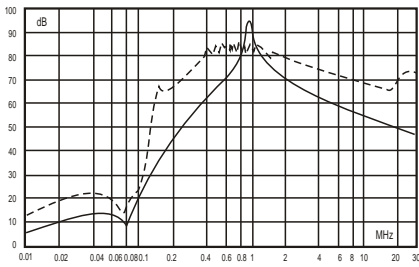
MCT2S7 (1A)



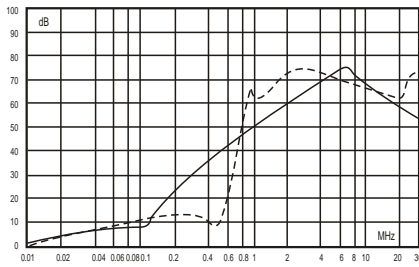
MCT2S7 (3A)



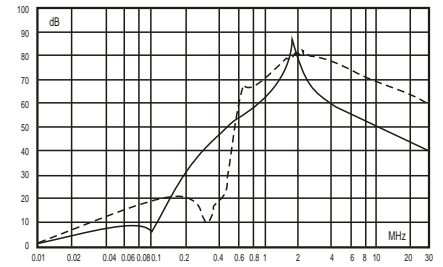
MCT2S7 (6A)



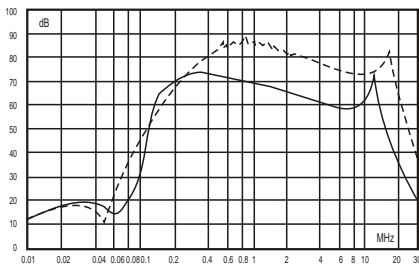
MCT2S7 (10A)



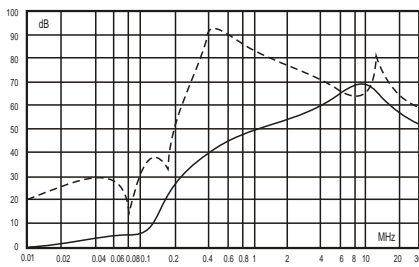
MCT2S7 (16A)



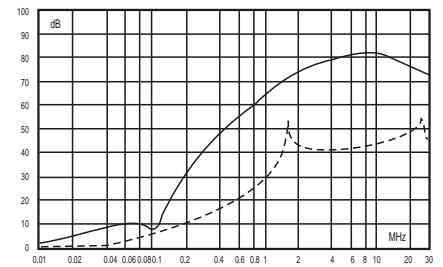
MCT2S7 (20A)



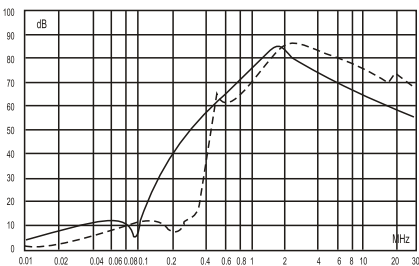
MCT2S7 (30A)



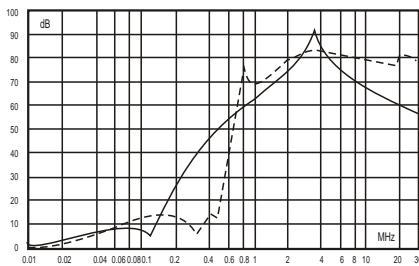
MCT2S7 (35A)



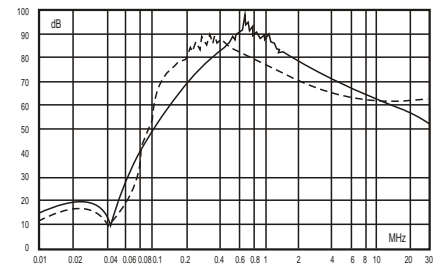
MCT2S8(3A)



MCT2S8(6A)



MCT2S8(10A)



MCT2S8(16A)