

Description

- The MCT1PCBX Series PCB filter is a single-phase filter designed for easy and fast PCB-mounting.
- Rated currents from 0.5 to 10A.
- Compact unit, light weight, PCB through hole mounting.
- High quality components ensure the safety and reliability of filters.
- Optional metal or plastic housing.
- Customized acceptable.
- Optional DC version(D type)

Typical Applications :

- Single-phase power supplies, switch-mode power supplies.
- Small to medium-sized machines and household equipment.
- Electrical and electronic equipment.
- Test and measurement equipment.

Electrical Schematic:

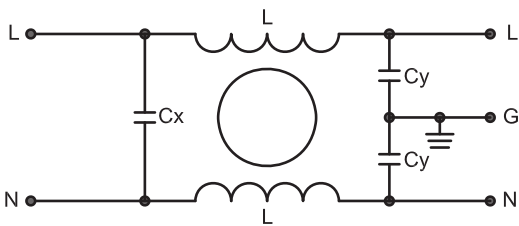


Fig 1

Specification :

Rated Voltage:	120/250VAC
Operating frequency:	DC60Hz
Rated Current:	1A~6A
Temperature range :	HPF 25/085/21
Test voltage(1min):	
Line to ground :	2000VAC
Line to Line :	1450VDC

Dimension: unit :mm

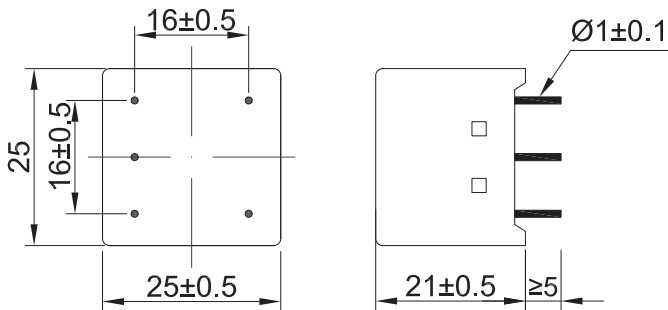


Fig 31 Metal housing

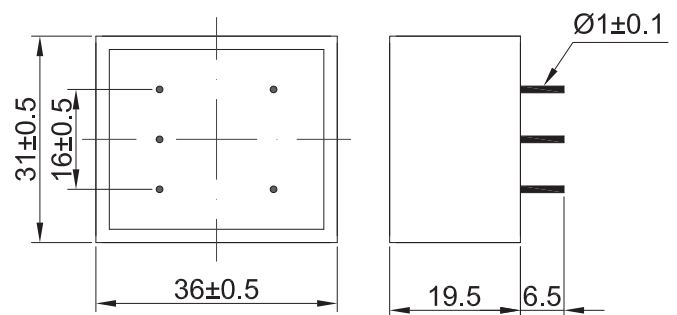


Fig 32 plastic housing

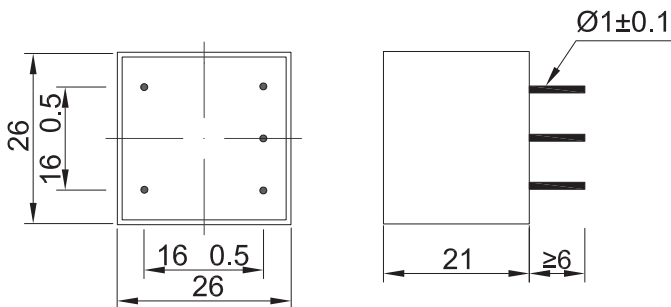


Fig 33 plastic housing

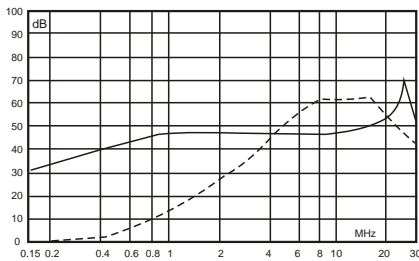
Data table:

MCT P/N:	Rated Current: A	Rated Voltage: V	Leakage Current: mA	Input/Output connections	Electrical Schematic:	Dimension
MCT1PCB1-1-2	1	120/250	0.5		1	31
MCT1PCB1-3-2	3	120/250	0.5		1	31
MCT1PCB1-6-2	6	120/250	0.5		1	31
MCT1PCB2-1-2	1	120/250	0.5		1	32
MCT1PCB2-3-2	3	120/250	0.5		1	32
MCT1PCB2-6-2	6	120/250	0.5		1	32
MCT1PCB3-1-2	1	120/250	0.5		1	33
MCT1PCB3-3-2	3	120/250	0.5		1	33
MCT1PCB3-6-2	6	120/250	0.5		1	33

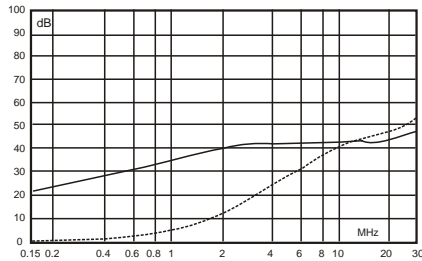
Insertion Loss in dB:

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

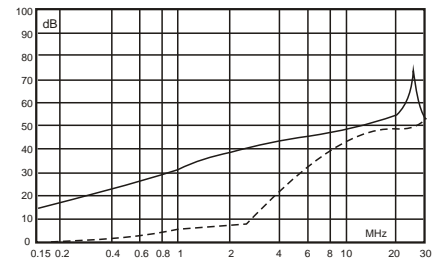
----- Differential Mode
———— Common Mode



1A



3A



6A