

Single Stage Power Line Filters Chassis Mount

multicompPRO

**RoHS
Compliant**



Applications

- Electrical and electronic equipment
- Consumer goods
- Medical equipment
- Electronic data processing equipment
- Office automation and datacom equipment

Features

- Single-stage filters are designed for easy and fast chassis mounting.
- These are single phase, quick connect terminals
- Chassis Mount
- Medical version terminal
- UL Approval

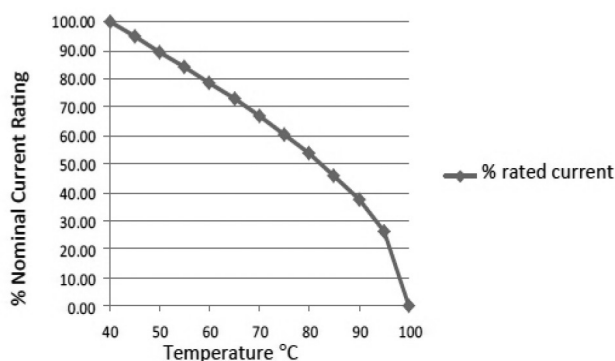
Specifications

Max. Continuous Operating Voltage : 250V AC, 50/60Hz
Operating Frequency : DC to 400Hz
Leakage Current @ 250V/50Hz : 0.74mA
Rated Currents : 1A to 20A @40°C
Temperature Range : -25°C to +100°C (operation and storage)

Filter Selection Table

Part Number	Rated Current @40°C (25°C)	Inductance (L-L)	Capacitance (L-N)	Capacitance (L-G)	Resistance (L-N)	Connection Type			Weight (g)
	A	ΣL mH	ΣCx μF	ΣCy nF	ΣR K Ω				
MP007471	6(6.90)	1	0.1	9.4	1000	•	-	-	60
MP007474	16(18.4)	0.6	0.1	9.4	1000	•	-	-	140

Temperature Derating Curve for EMC Filters Rated at 40°C Ambient and 100°C Max.



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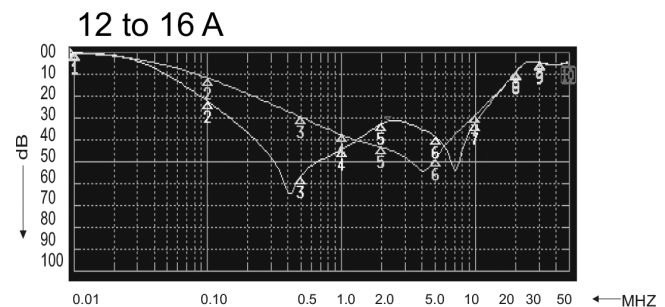
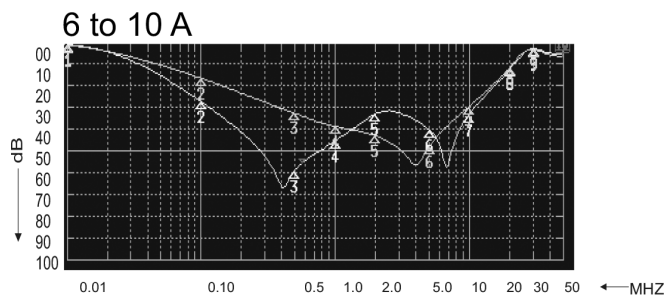
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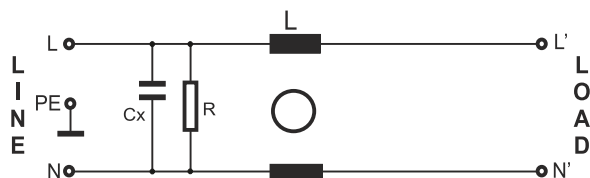
Typical Insertion Loss, dB (50/50Ω)

Common mode -

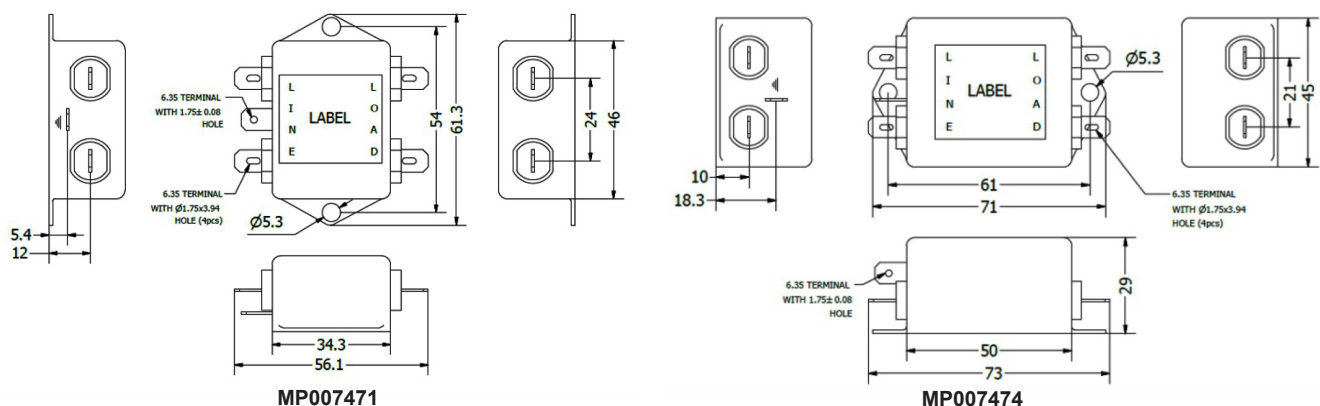
Differential mode -



Schematic Diagram



Diagram



Dimensions : Millimetres

Part Number Table

Description	Part Number
General Purpose, 250V AC, 6 A, Single Phase, 1 Stage, Quick Connect, Medical version	MP007471
General Purpose, 250V AC, 16 A, Single Phase, 1 Stage, Quick Connect, Medical version	MP007474

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