Single Stage Power Line Filters
Chassis Mount

multicomp PRO

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
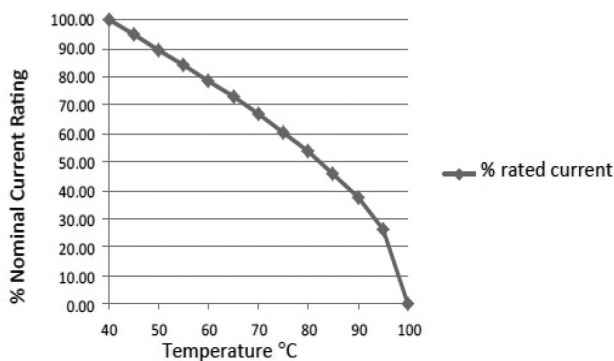- Medical version terminal

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) A	Inductance (L-L) ΣL mH	Capacitance (L-N) ΣCx µF	Capacitance (L-G) ΣCy nF	Resistance (L-N) ΣR KΩ	Connection Type			Weight (g)
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.

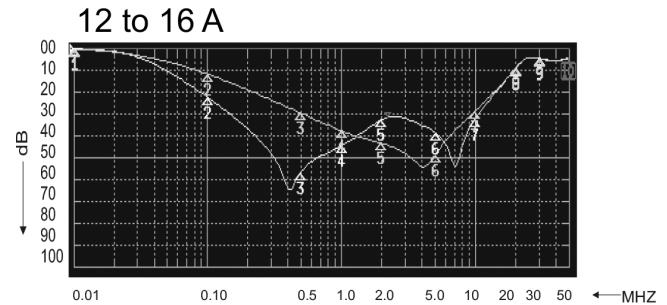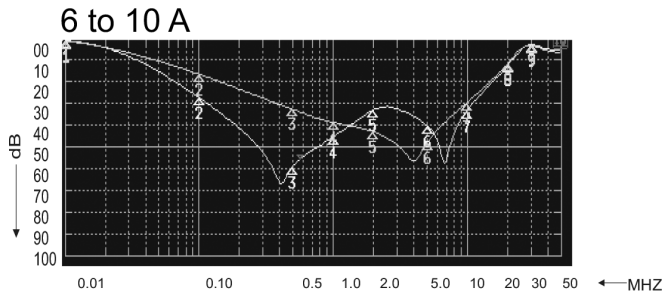Newark.com/multicomp-pro
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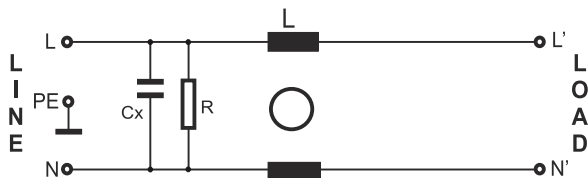sg.element14.com/b/multicomp-pro

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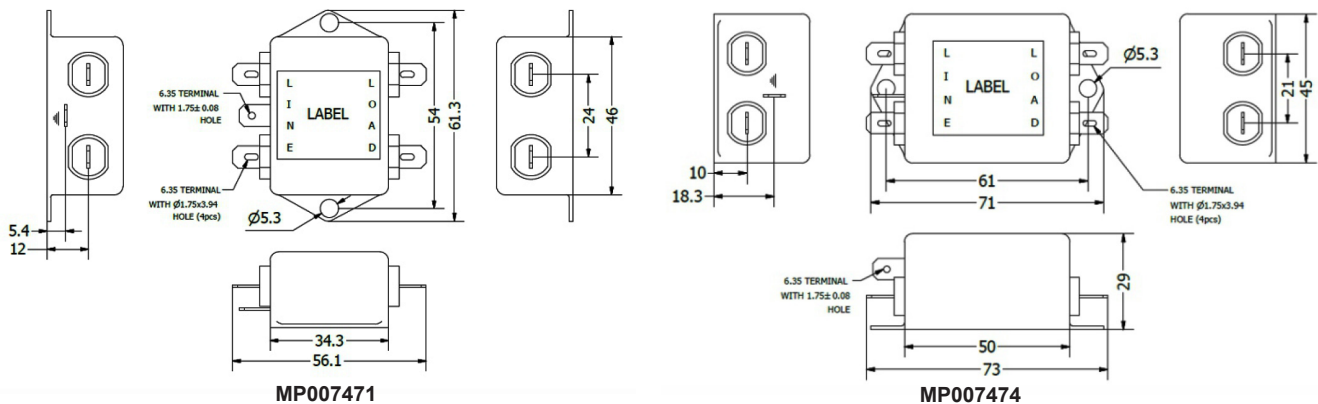
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Typical Insertion Loss, dB (50/50Ω)

Common mode - ▬▬▬
Differential mode - ▬▬▬

6 to 10 A

12 to 16 A

Schematic Diagram

Diagram

MP007471

MP007474

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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