

Dual Stage Power Line Filters Chassis Mount

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**RoHS
Compliant**



Quick Connect Terminal

Applications

- Electrical and electronic equipment
- Consumer goods
- Household and Medical equipment
- Electronic data processing equipment
- Office automation and datacom equipment
- EV Application
- Various noisy application requiring high filter performance




Features

- Dual-stage filters are designed for easy and fast chassis mounting.
- These are single phase terminals
- Very high differential and common-mode attenuation
- UL Approval

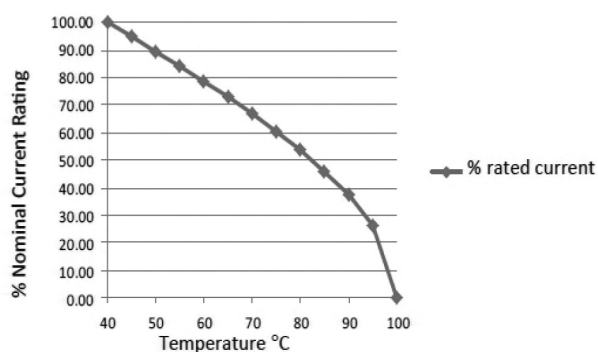
Specifications

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)	Leakage Current @ 250V / 50Hz	Inductance (L-L)	Capaci- tance (L-N)	Capaci- tance (L-G)	Resistance (L-N)	Connection Type			Weight (g)
	A	mA	ΣL mH	ΣCx μF	ΣCy nF	ΣR KΩ				
MP007495	6(6.9)	0.67	16	1.41	8.6	330	•	-	-	190
MP007498	16(18.4)	1.02	8	3	22	220	•	-	-	440

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



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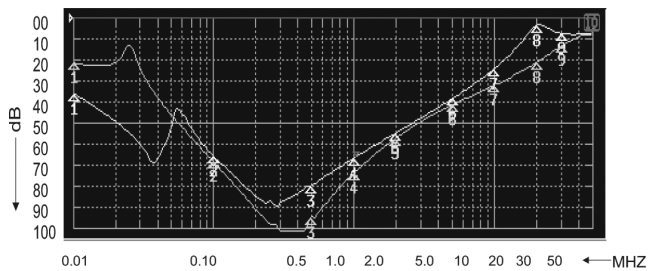
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Typical Insertion Loss, dB (50/50Ω)

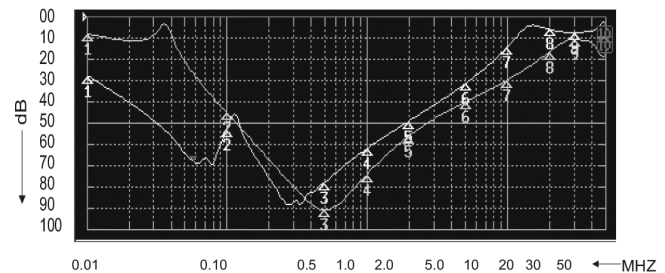
Common mode - 

Differential mode - 

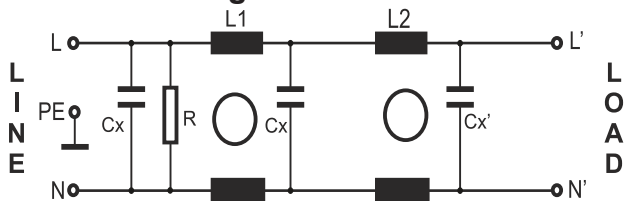
1 to 6 A



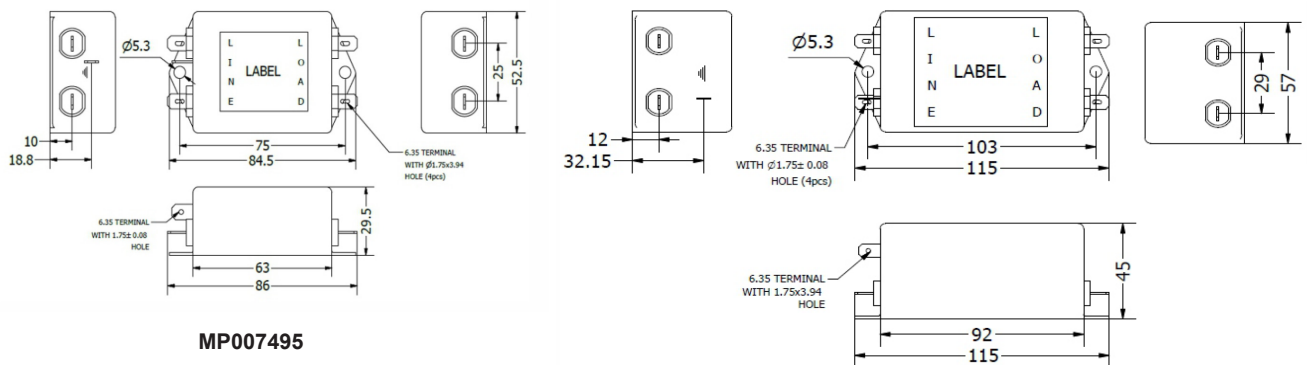
16 to 20 A



Schematic Diagram



Diagram



Dimensions : Millimetres

Part Number Table

Description	Part Number
Very High Performance, 250V AC, 6A, Single Phase, 2 Stage, Quick Connect, Medical version	MP007495
Very High Performance, 250V AC, 16A, Single Phase, 2 Stage, Quick Connect, Medical version	MP007498

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