

Dual Stage Power Line Filters Chassis Mount

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**RoHS
Compliant**



Quick Connect Terminal

Applications

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

Features

- Dual-stage filters are designed for easy and fast chassis mounting.
- Single phase terminal
- High deferential mode performance
- UL Approval

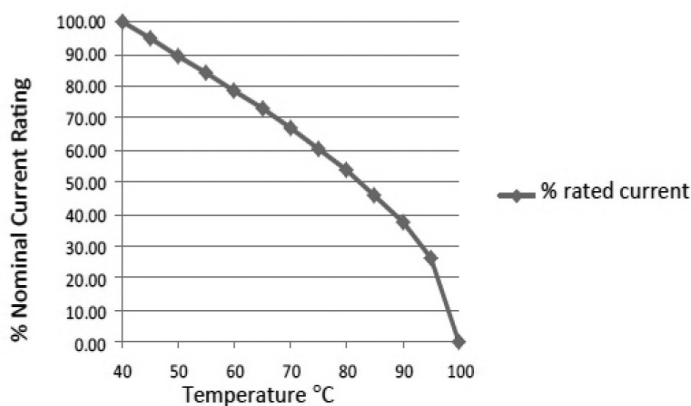
Specifications

Max. Continuous Operating Voltage	: 250V AC, 50/60Hz
Operating Frequency	: DC to 400Hz
Leakage Current @ 250V/50Hz	: 0.66mA
Leakage Current @ 250V/50Hz	: 0.07mA (Low Leakage Version)
Rated Currents	: 10A @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				
MP007491	10(11.5)	4.66	2	9.4	220	•	-	-	750

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



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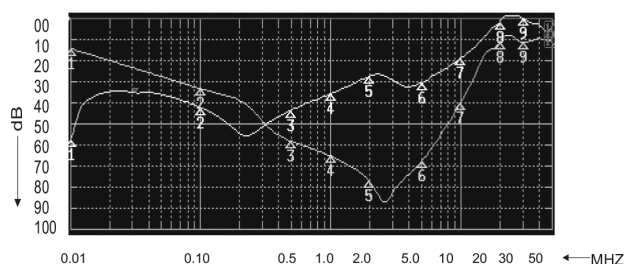
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Typical Insertion Loss, dB (50/50Ω)

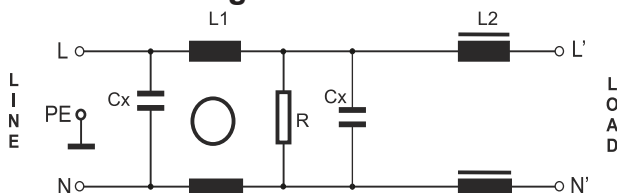
Common mode - 

Differential mode - 

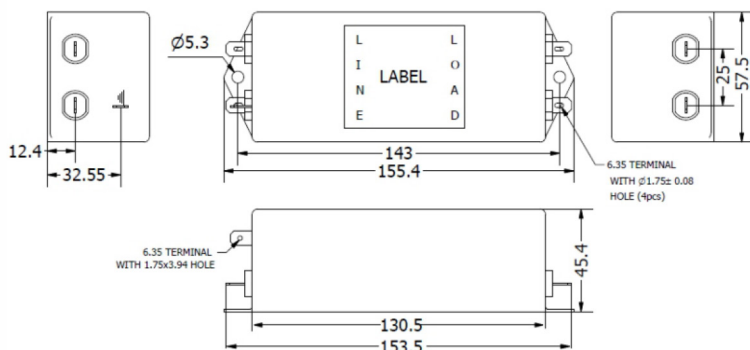
6 to 10 A



Schematic Diagram



Diagram



Dimensions : Millimetres

Part Number Table

Description	Part Number
High Performance, 250V AC, 10 A, Single Phase, 2 Stage, Quick Connect, Medical Version	MP007491

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