

Single Stage Power Line Filters Chassis Mount

multicomp PRO

**RoHS
Compliant**

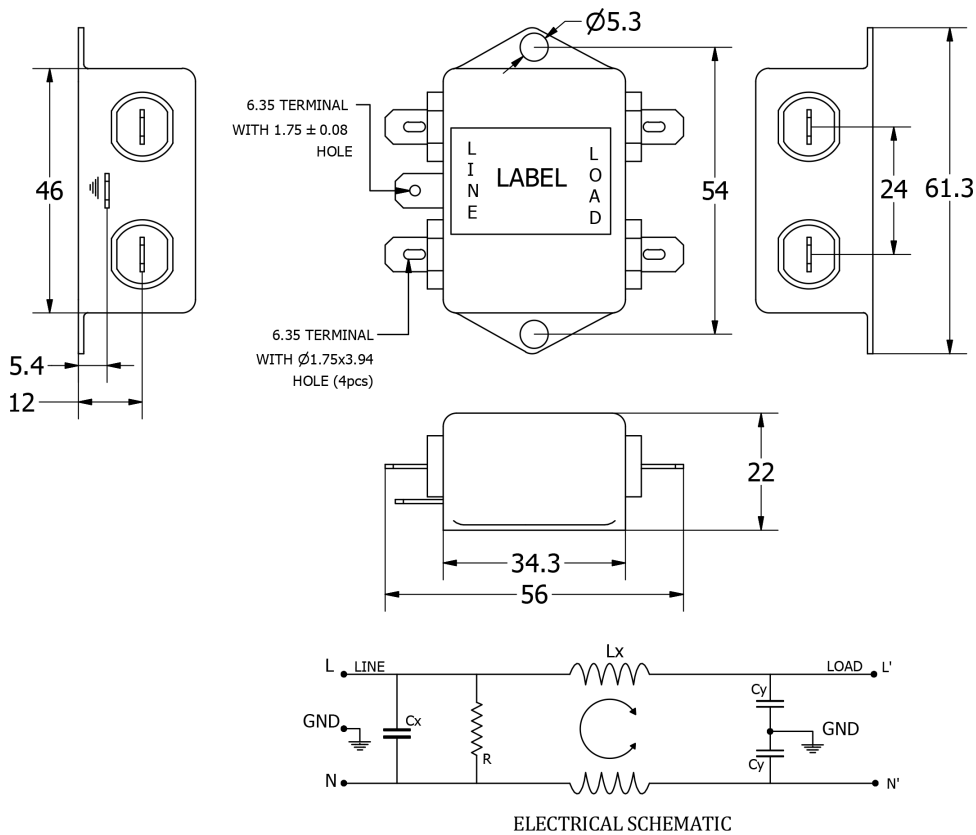


Quick Connect Terminals



Stud Terminals

MP007468, MP007469, MP007470, MP007473 Mechanical Details



50Ω to 50Ω Typical Insertion Loss

Frequency MHz	0.01	0.1	0.5	1	2	5	10
Common DB	19	40	49	45	45	48	55
Differential DB	18	38	58	52	51	54	67

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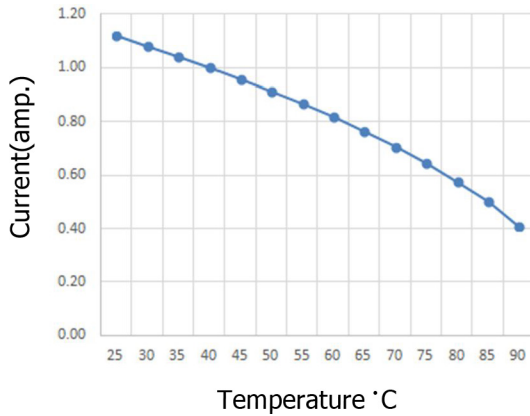
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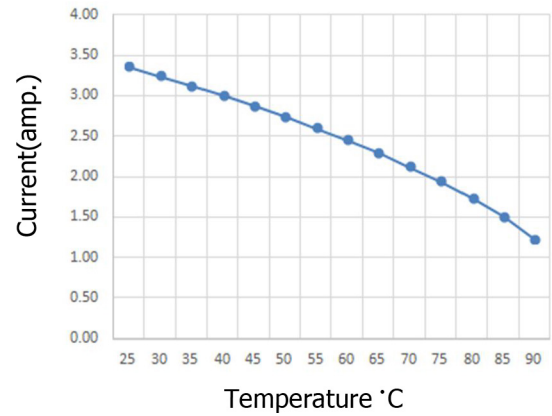
MP007468

Derating curve



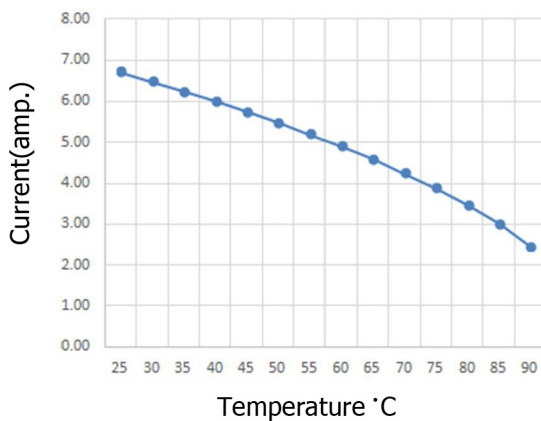
MP007469

Derating curve



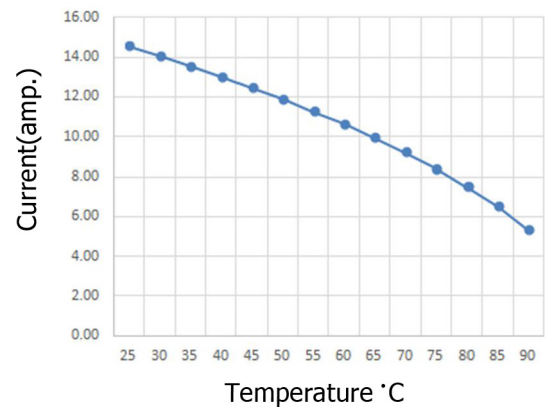
MP007470

Derating curve



MP007473

Derating curve



Dimensions : Millimetres

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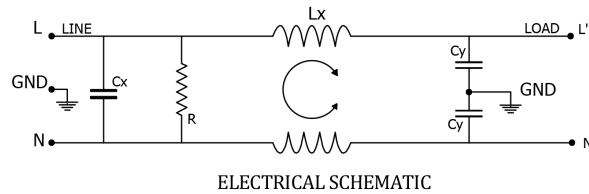
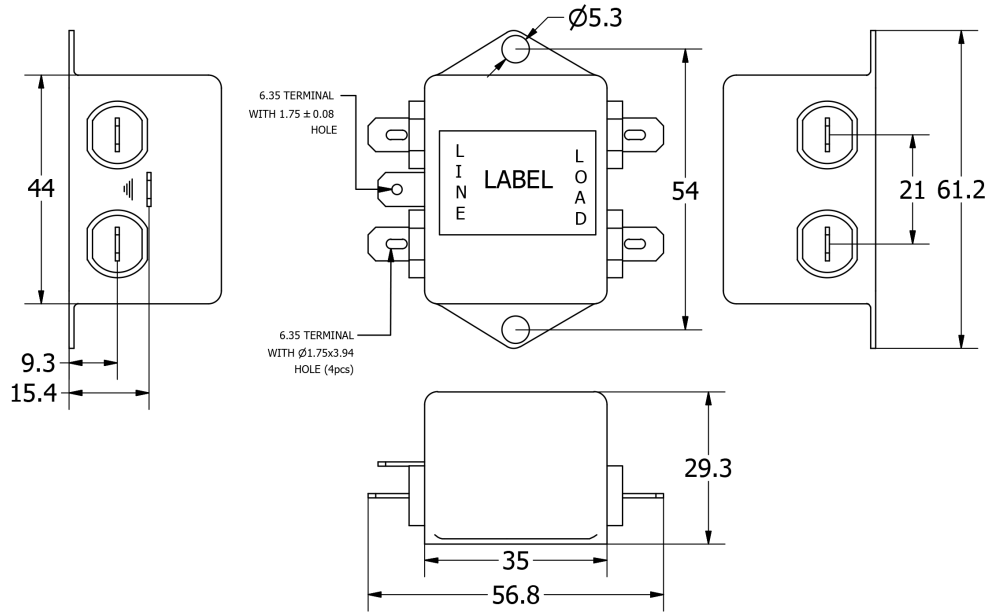
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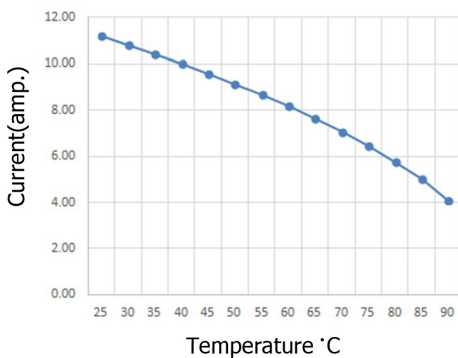
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MP007472

Mechanical Details



Derating curve



50Ω to 50Ω Typical Insertion Loss

Frequency MHz	0.01	0.1	0.5	1	2	5	10
Common DB	19	40	49	45	45	48	55
Differential DB	18	38	58	52	51	54	67

Dimensions : Millimetres

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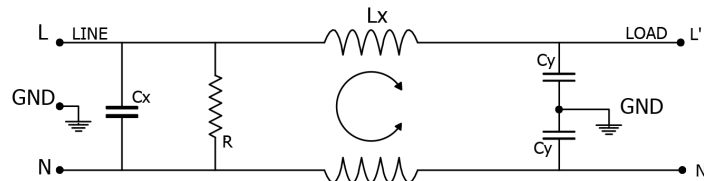
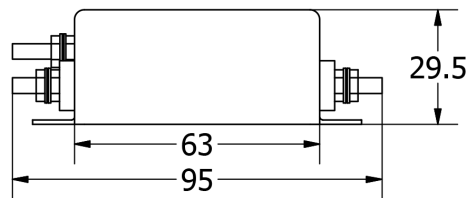
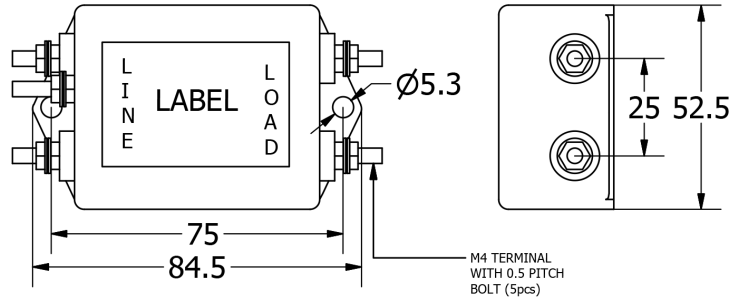
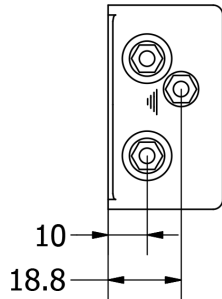
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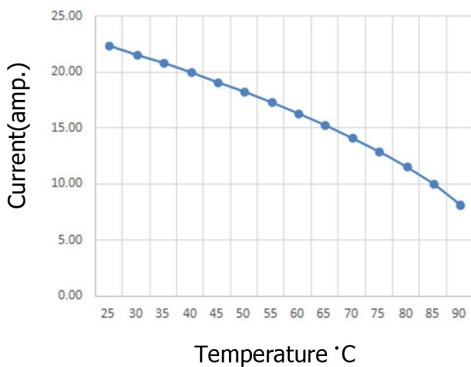
MP007475

Mechanical Details



ELECTRICAL SCHEMATIC

Derating curve



50Ω to 50Ω Typical Insertion Loss

Frequency MHz	0.01	0.1	0.5	1	2	5	10
Common DB	19	40	49	45	45	48	55
Differential DB	18	38	58	52	51	54	67

Dimensions : Millimetres

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Single Stage Power Line Filters Chassis Mount



Specification

	MP007468	MP007469	MP007470	MP007472	MP007473	MP007475
Rated Voltage (MAX)	1 AMP, 120V AC to 250V AC 50HZ to 60HZ	3 AMP, 120V AC to 250V AC 50HZ to 60HZ	6 AMP, 120V AC to 250V AC 50HZ to 60HZ	10 AMP, 120V AC to 250V AC 50HZ to 60HZ	13 AMP, 120V AC to 250V AC 50HZ to 60HZ	20 AMP, 120V AC to 250V AC 50HZ to 60HZ
Hi-pot Rating (One Minute)	Line to Ground: 3000V DC					
	Line to Line : 1100V DC					
Maximum Leakage Line to Ground	0.43mA @120V AC 60 Hz					
	0.74mA @250V AC 50 Hz					
Climate Class: 25/100/21	Temperature Range: -25°C to +100°C					
	Overload Current: 1.5x Rated ct. for 1 min.					

Part Number Table

Description	Part Number
Power Line Filter, General Purpose, 250V AC, 1 A, Single Phase, 1 Stage, Quick Connect	MP007468
Power Line Filter, General Purpose, 250V AC, 3 A, Single Phase, 1 Stage, Quick Connect	MP007469
Power Line Filter, General Purpose, 250V AC, 6 A, Single Phase, 1 Stage, Quick Connect	MP007470
Power Line Filter, General Purpose, 250V AC, 10 A, Single Phase, 1 Stage, Quick Connect	MP007472
Power Line Filter, General Purpose, 250V AC, 13 A, Single Phase, 1 Stage, Quick Connect	MP007473
Power Line Filter, General Purpose, 250V AC, 20 A, Single Phase, 1 Stage, Stud Terminals	MP007475

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