

Dual Stage Power Line Filters Chassis Mount

multicomp PRO

**RoHS
Compliant**



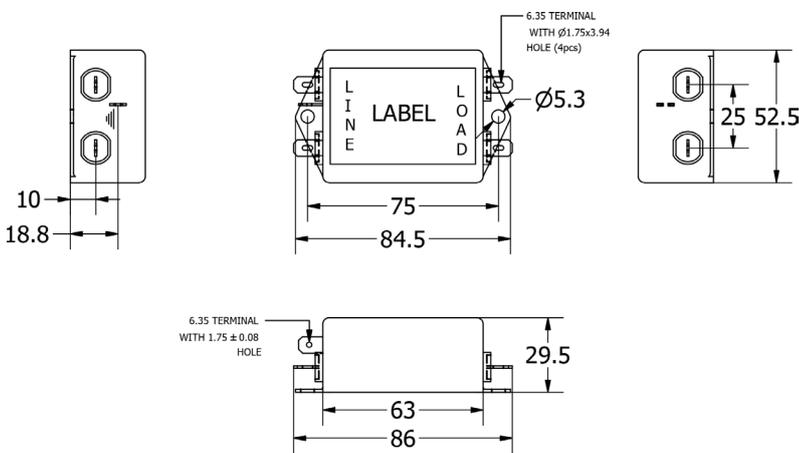
Quick Connect Terminals



Stud Terminals

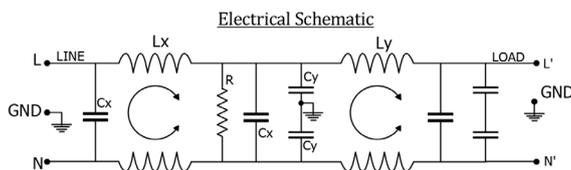
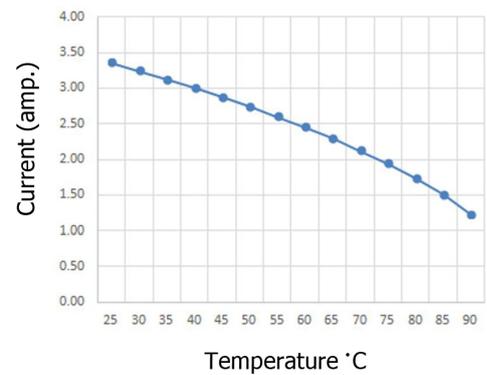
MP007493, MP007494

Mechanical Details



MP007493

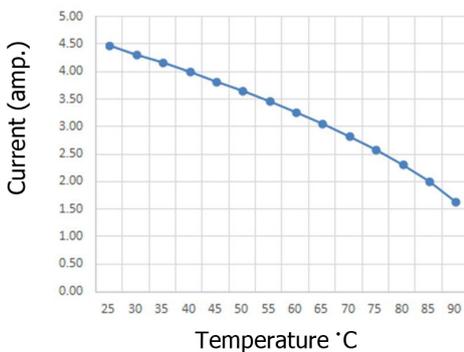
Derating curve



Dimensions : Millimetres

MP007494

Derating curve



50Ω to 50Ω Typical Insertion Loss

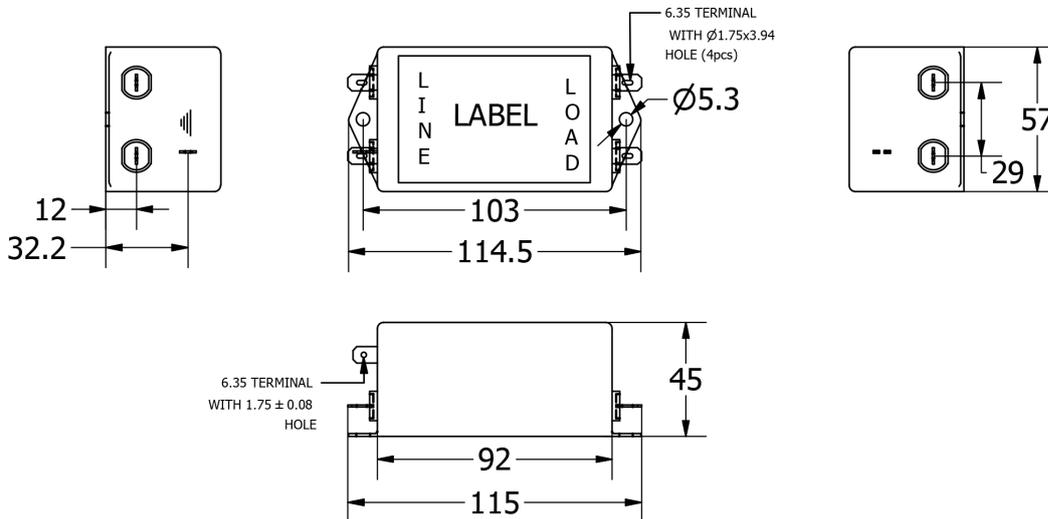
Frequency MHz	0.01	0.1	0.5	1	2	5	10
Common DB	27	48	55	54	53	70	65
Differential DB	5	42	90	84	74	79	49

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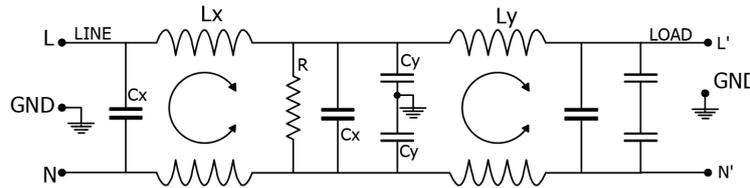
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MP007497

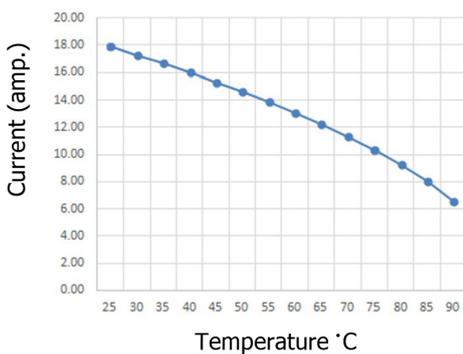
Mechanical Details



Electrical Schematic



Derating curve



50 Ω to 50 Ω Typical Insertion Loss

Frequency MHz	0.01	0.1	0.5	1	2	5	10
Common DB	27	48	55	54	53	70	65
Differential DB	5	52	90	84	74	79	49

Dimensions : Millimetres

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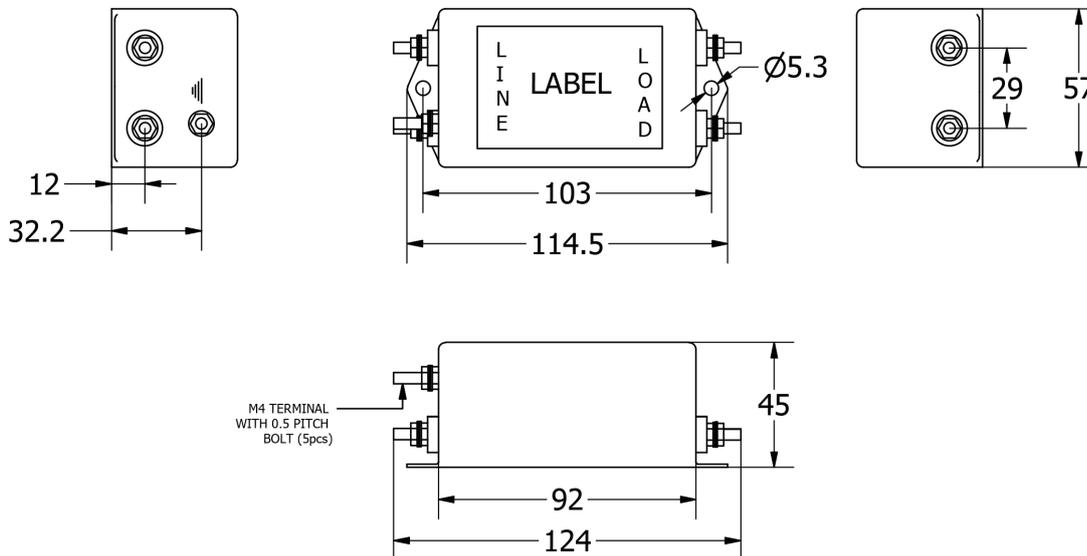
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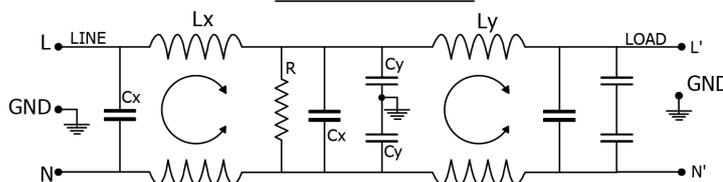
multicomp PRO

MP007499

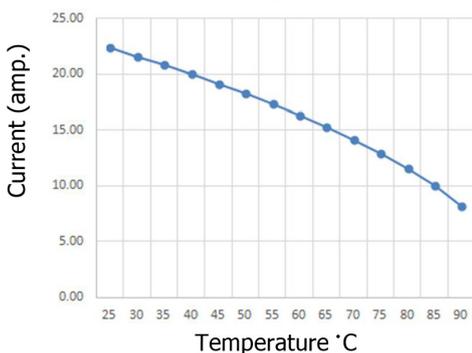
Mechanical Details



Electrical Schematic



Derating curve



50Ω to 50Ω Typical Insertion Loss

Frequency MHz	0.01	0.1	0.5	1	2	5	10
Common DB	9	50	89	89	77	62	53
Differential DB	15	40	88	89	84	62	48

Dimensions : Millimetres

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Specification

	MP007493	MP007494	MP007497	MP007499
Rated Voltage (MAX)	3 AMP, 120V AC to 250V AC 50HZ to 60HZ	6 AMP, 120V AC to 250V AC 50HZ to 60HZ	16 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	0.29mA @120V AC 60 Hz		1.00mA @120V AC 60 Hz	
	0.5mA @250V AC 50 Hz		1.73mA @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, Very High Performance, 250V AC, 3 A, Single Phase, 2 Stage, Quick Connect	MP007493
Power Line Filter, Very High Performance, 250V AC, 6 A, Single Phase, 2 Stage, Quick Connect	MP007494
Power Line Filter, Very High Performance, 250V AC, 16 A, Single Phase, 2 Stage, Quick Connect	MP007497
Power Line Filter, Very High Performance, 250V AC, 20 A, Single Phase, 2 Stage, Stud Terminals	MP007499

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