

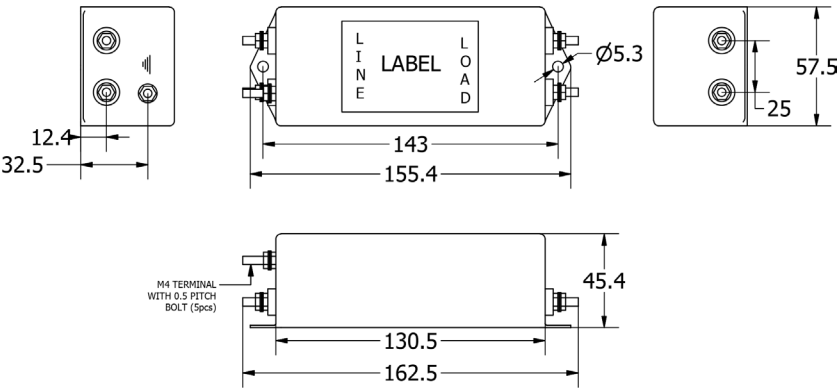
# Dual Stage Power Line Filters Chassis Mount

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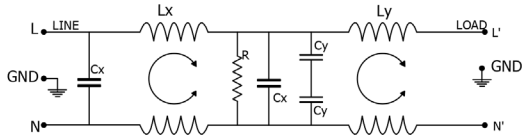
**RoHS  
Compliant**



### Mechanical Details

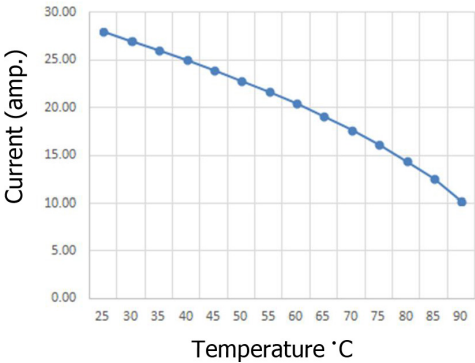


### Electrical Schematic



**MP007489**

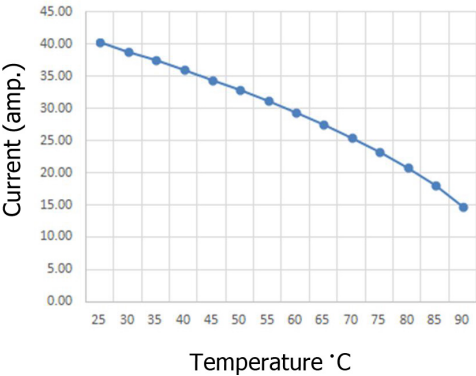
**Derating curve**



Dimensions : Millimetres

**MP007490**

**Derating curve**



**50Ω to 50Ω Typical Insertion Loss**

Frequency MHz	0.01	0.1	0.5	1	2	5	10
Common DB	8	35	72	76	82	71	65
Differential DB	17	48	70	77	68	53	43

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# Dual Stage Power Line Filters

## Chassis Mount

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### Specifications

	MP007489	MP007490
Rated Voltage (Max.)	25 AMP, 120V AC to 250V AC 50Hz to 60Hz	36 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.	
Approval	UL Approved	

### Part Number Table

Description	Part Number
Power Line Filter, High Performance, 250V AC, 25A, Single Phase, 2 Stage, Stud Terminals	MP007489
Power Line Filter, High Performance, 250V AC, 36 A, Single Phase, 2 Stage, Stud Terminals	MP007490

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