

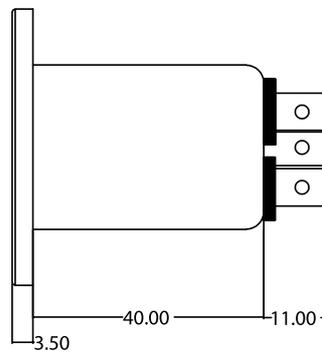
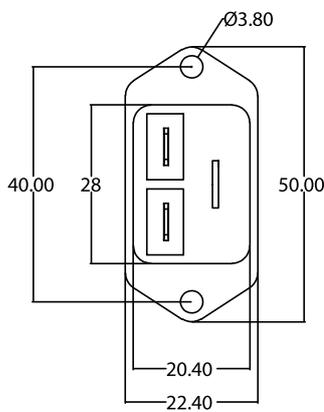
IEC Inlet Single Stage Power Line Filters

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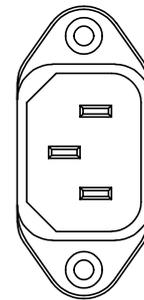
**RoHS
Compliant**



Mechanical Details

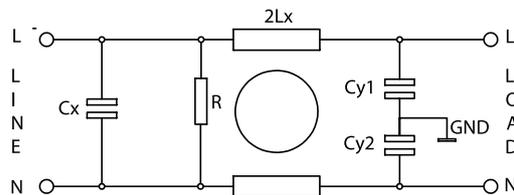


Connector Type
C14



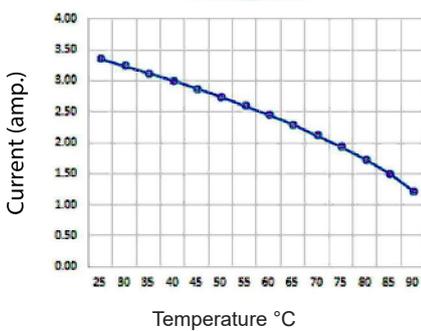
Dimensions : Millimetres

Electrical Schematic



MP007500

Derating curve



50Ω to 50Ω Typical Insertion Loss

Frequency MHz	0.01	0.5	1	5	10	30
Common DB	27	40	46	51	62	27
Differential DB	41	64	57	59	34	4

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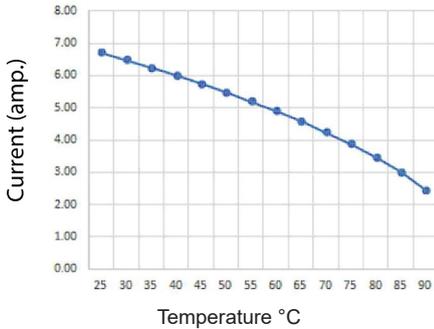
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IEC Inlet Single Stage Power Line Filters



MP007501

Derating curve



50Ω to 50Ω Typical Insertion Loss

Frequency MHz	0.1	0.5	1	5	10	30
Common DB	31	59	69	41	28	12
Differential DB	18	32	39	65	46	28

Specification

	MP007489	MP007490
Rated Voltage (MAX)	3AMP,120/250V AC 50-60HZ	6AMP,120/250V AC 50-60HZ
Hi-pot Rating (One Minute)	Line to Ground: 3000V DC	
	Line to Line : 1100V DC	
Maximum Leakage Line to Ground	0.26mA @120V AC 60 Hz	
	0.52mA @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, 3 A, Single Phase, 1 Stage, IEC Inlet IP66 Protect(Water Proof)	MP007500
Power Line Filter, General Purpose, 250V AC, 6 A, Single Phase, 1 Stage, IEC Inlet IP66 Protect (Water Proof)	MP007501

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