

Power Line Filters DC - Higher Current

12-PMF & 12 PMB DC Series

Features

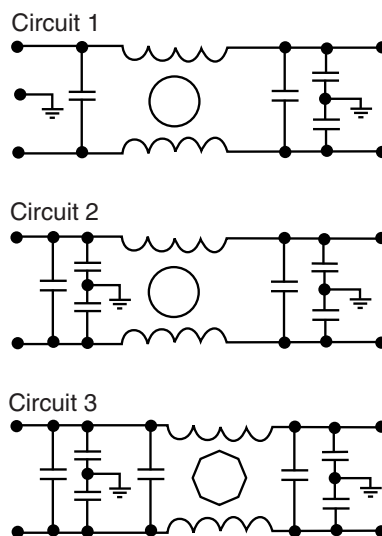
- Space-saving, compact designs
- Suitable for products that must conform to FCC regulations
- Excellent attenuation for high voltage impulse
- Metal case provides effective shielding
- Excellent filtering characteristics for both normal mode and common mode
- Epoxy molded for internal component reliability
- Structure provides effective shielding for noise generated externally and internally
- Designed to be in accordance with VDE 0565 Part 3
- Operating temperature: -40°C to +85°C

Applications

- Digital equipment
- Computers and peripherals
- Measuring instruments
- Equipment requiring very high impulse attenuation
- Factory automation equipment
- Industrial equipment such as UPS, inverters and converters
- Telecommunications equipment



Circuit Diagram



Specifications

Model	Rated Voltage (@ 50/60Hz)	Rated Current	Circuit Diagram	Figure	Temperature Rise (Max.)
12-PMF-006-DC-C	48/250 VDC	6A	1	A	30°C
12-PMF-010-DC-C		10A			
12-PMF-015-DC-C		15A			
12-PMF-020-DC-C		20A			
12-PMF-025-DC-D		25A		B	
12-PMB-025-DC-F		30A		C	
12-PMB-030-DC-F		35A			
12-PMB-035-DC-F		40A			
12-PMB-040-DC-F		50A	D		
12-PMB-040-DC-B		60A			
12-PMB-050-DC-B		80A	E		
12-PMB-060-DC-B		100A	3	F	
12-PMB-080-DC-G		120A			
12-PMB-080-DC-C		140A			
12-PMB-100-DC-C		180A	2	G	
12-PMB-120-DC-C		200A			
12-PMB-140-DC-C		260A			
12-PMB-180-DC-E					
12-PMB-200-DC-E					
12-PMB-260-DC-E					

Note: Test voltage: 1500VAC one minute, line to earth
Insulation resistance: 300 Mohm min. at 500VDC
Voltage drop: 1V max.

Discharge time: 0.4 sec. max.
Weight: 8.82 ounces (250 grams)

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Figure B

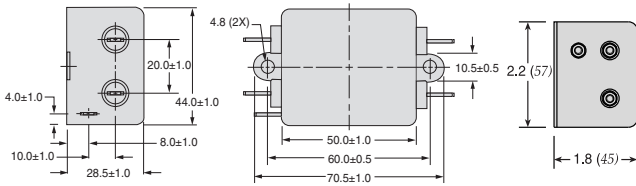


Figure C

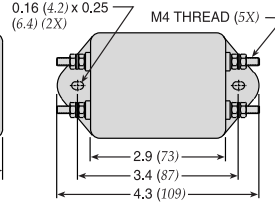


Figure A

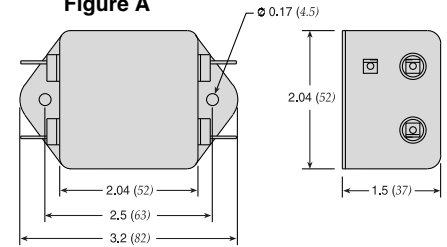


Figure D

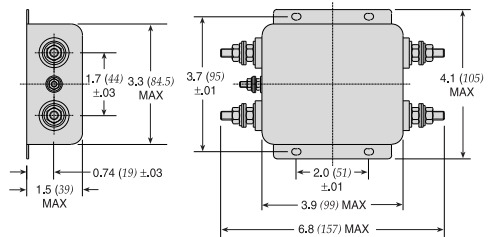


Figure E

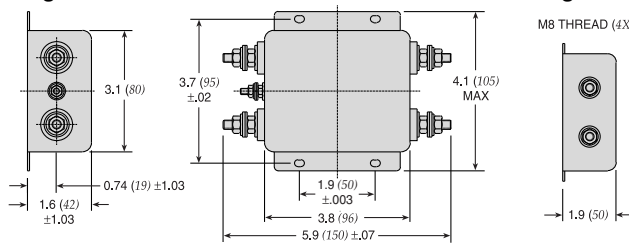


Figure F

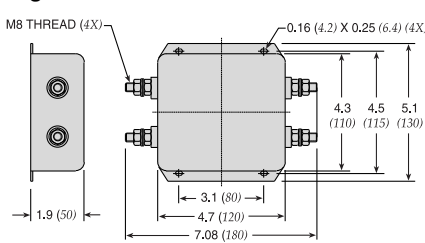
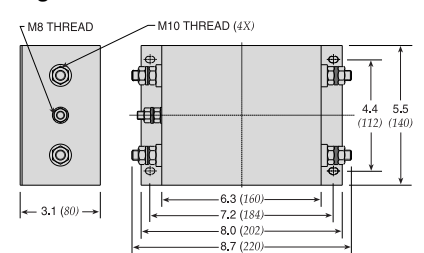
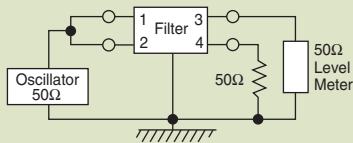


Figure G

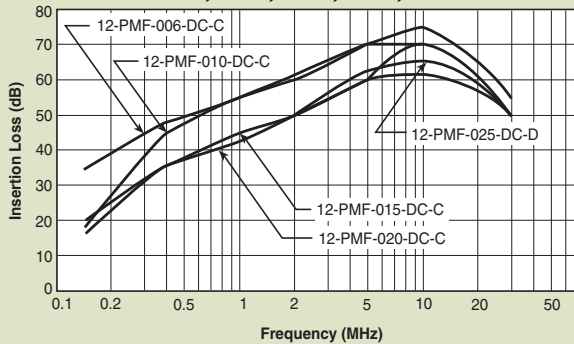


Dimensions in inches (mm)

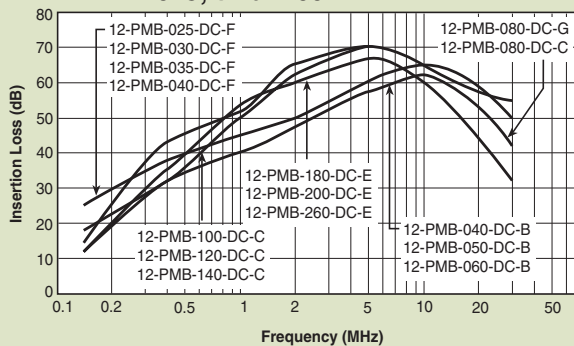
Common Mode



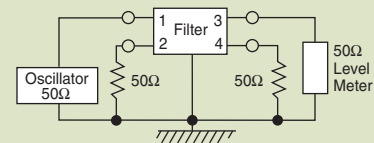
12-PMF-006;-010;-015;-020;-025



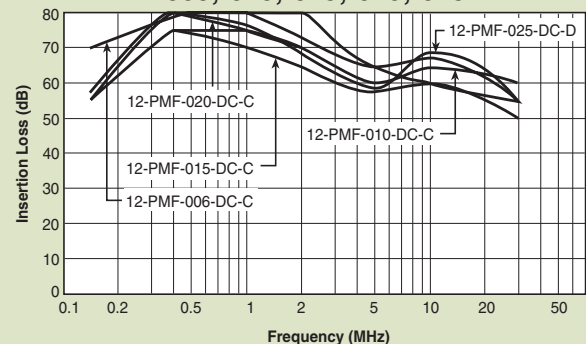
12-PMB-025; thru -260



Normal Mode



12-PMF-006;-010;-015;-020;-025



12-PMB-025; thru -260

