

Description

Cost saving plastic housing designed for standard applications. Protection against interference voltage from the mains interferences generated in the equipment is strongly attenuated.

Features

- PCB Mountable Filters
- Rated currents up to 10 A
- Medical versions available
- High conducted attenuation performance
- Plastic housing for standard applications
- Protection against interference voltage
- Cost Effective



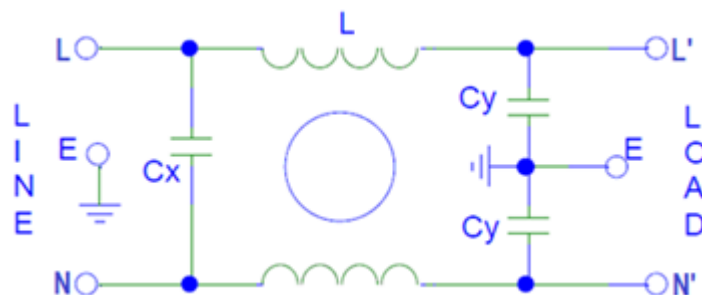
Applications

- SMPS
- Monitor
- PLC
- Weighing scales
- Electronic instrument
- PC periphery
- Microwave Equipment
- Office Automation Equipment

Safety Approval & Compliance



Typical circuit Diagram



Technical Specifications

Maximum Continuous Operating Voltage	: 250VAC
Operating Frequency	: 50/60Hz
Current ratings	: 1A to 10A @40°C
High Potential test voltage	: L to G 2250Vdc for 1 Minute L to L 1450Vdc for 1 Minute
Overload Capability	: 135% of Rated current for 15 minutes
Design Corresponding to	: UL1283, CSA 22.2 No.8-13 and IEC 60939
Flammability corresponding to	: UL 94 V-0
Temperature range	: -25°C to +85°C
Climatic Category	: 25/85/21

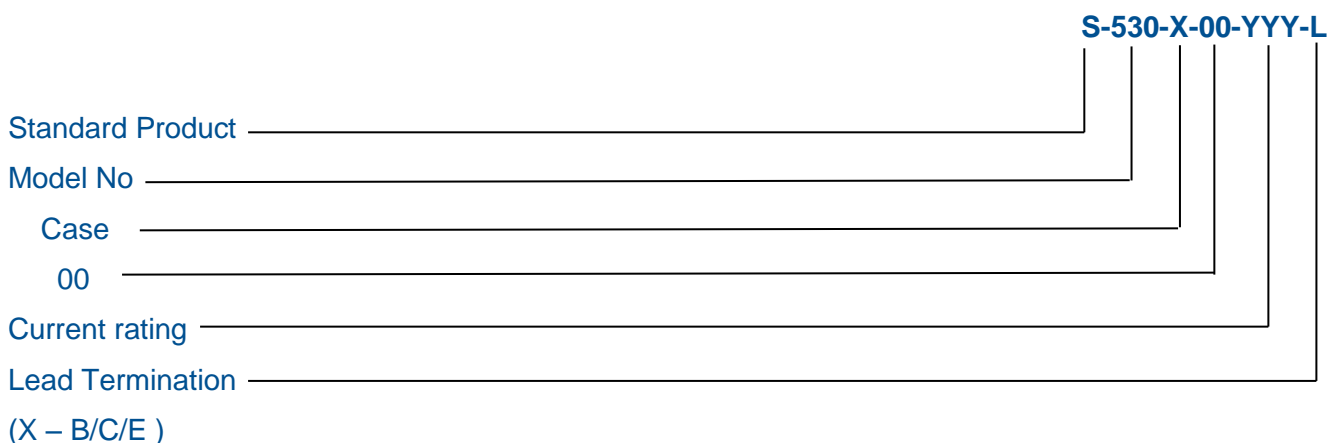
Image shown above is just for reference

Selection Table

Part Number	Ordering Code	Rated Current @40°C	Leakage Current @250VAC/50Hz (mA)	Termination	Weight (Grams)
MF530 – 01	S530X00YYYYL	1A	0.34	0.8mm Lead	30
MF530 – 02	S530X00YYYYL	2A	0.34	0.8mm Lead	30
MF530 – 03	S530X00YYYYL	3A	0.34	0.8mm Lead	30
MF530 - 06	S530X00YYYYL	6A	0.34	0.8mm Lead	30
MF530 - 10	S530X00YYYYL	10A**	0.34	0.8mm Lead	30

Note: ** not covered under CSA/NEMKO
 Customized filters are provided on request.

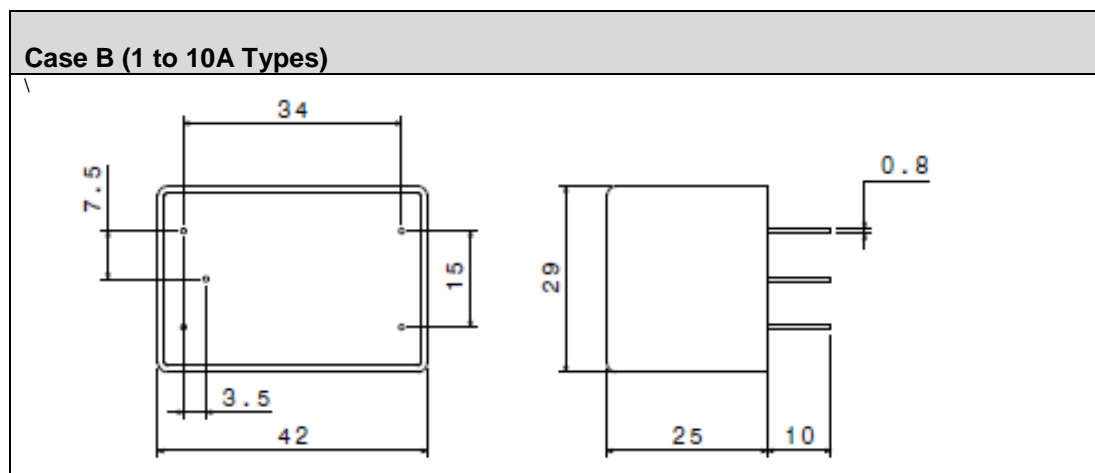
How to Order



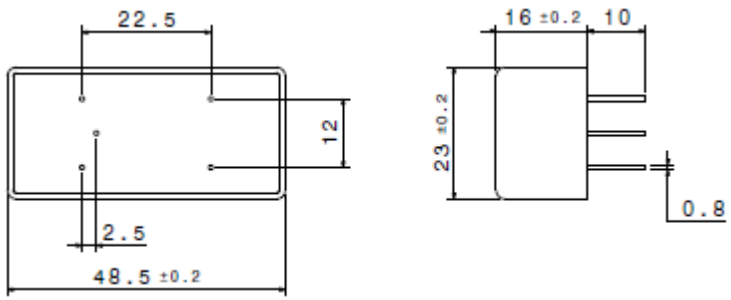
Note: Case E is not covered under CSA/NEMKO/UL

[Ex: For 1A with Case B: S530B00001L]

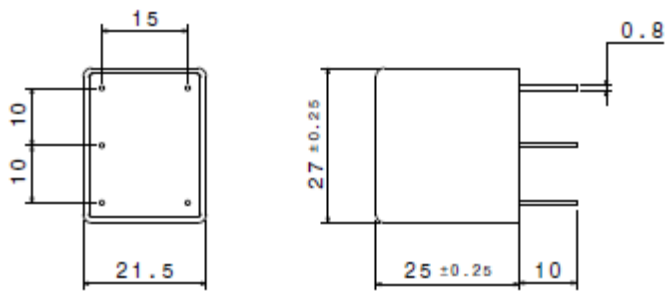
Mechanical Drawing



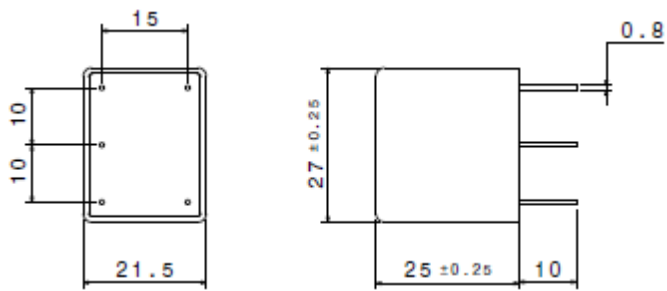
Case C (1 to 10A Types)



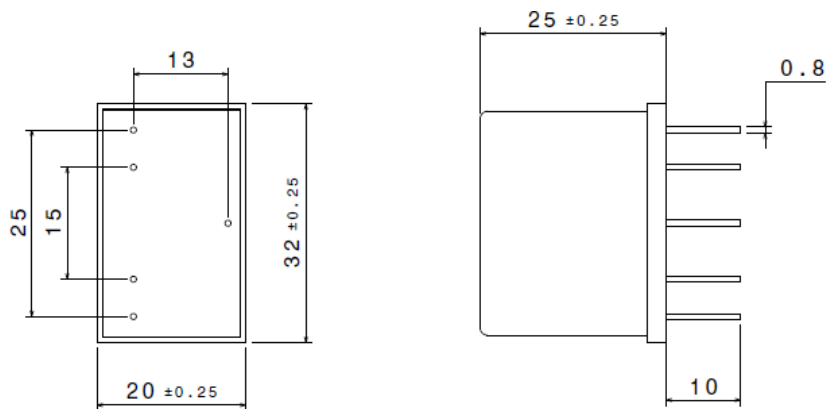
Case D (1 to 10A Types)



Case E (1 to 10A Types)

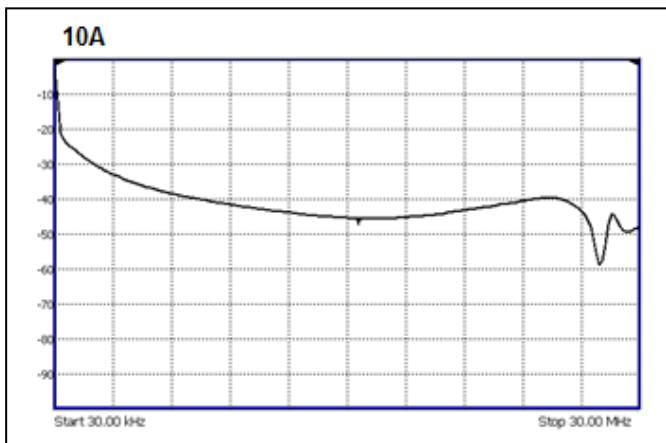
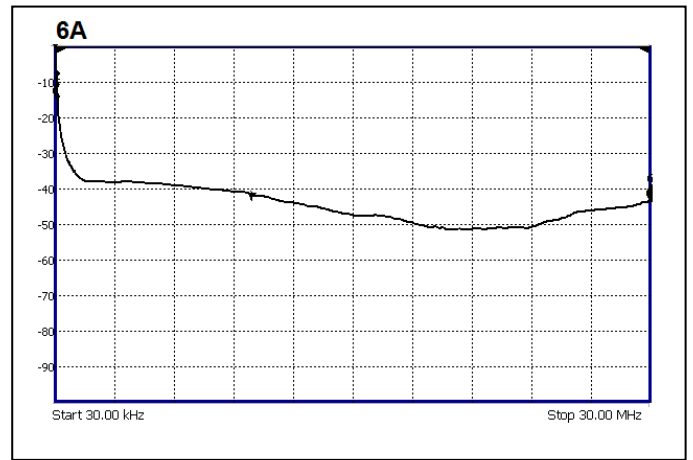
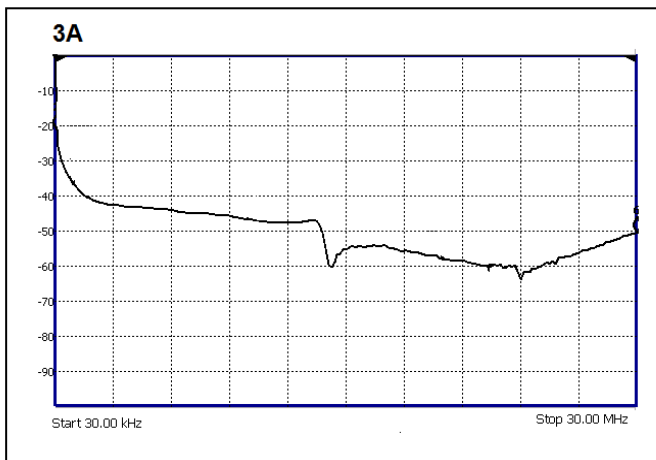
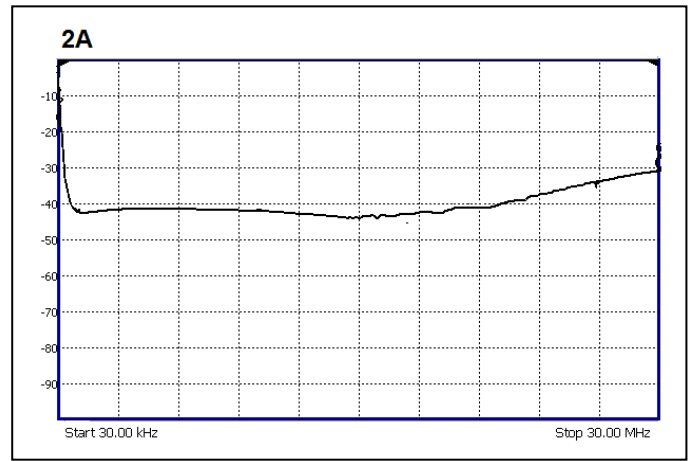
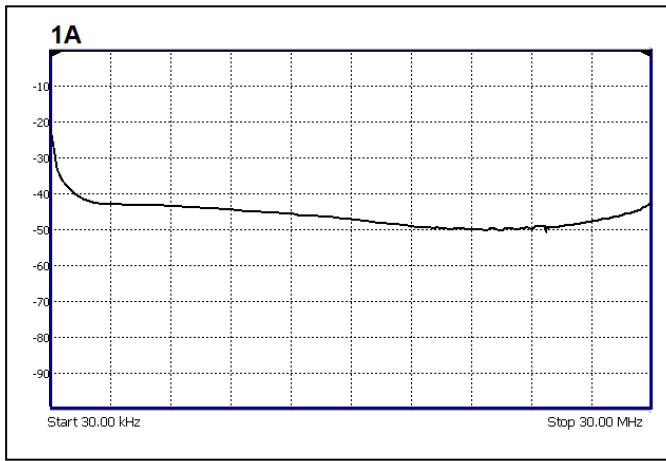


Case L (1 to 10A Types)



All dimensions in mm; Tolerances according to ISO2768-m

Insertion Loss – (Common Mode)



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