IEC Connector Filter

1. Product Description

IEC connector filters are essential components used to reduce electromagnetic interference (EMI) in electrical systems. They are designed to provide reliable power filtering while maintaining safety standards and compatibility with IEC power connectors. These filters help ensure smooth operation of sensitive equipment by minimizing noise and interference from the power supply. Ideal for use in a wide range of applications, IEC connector filters support both industrial and consumer electronics, improving overall system performance.

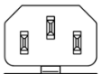
2. Typical Applications

- LCD and PDP TVs, medical applications, and general electrical appliances.
- Medical equipment.
- Test and measurement equipment.
- Small and medium-sized machines and household appliances.
- Single-phase power supplies and switch-mode power supplies.

3. Product Features

- Easy Installation: Secured with screws on both sides for hassle-free setup.
- Medical-Grade Models Available: Compliant with IEC/EN60601-1 standards, meeting safety requirements for clearance, leakage current, and high-voltage testing.
- Versatile Connection Options: Supports quick-connect terminals, soldering, or wiring for flexible integration.
- High-Performance Filters: Features high attenuation power filters equipped with IEC 320 sockets for superior performance.
- Customizable Solutions: Tailored product designs available to meet specific customer requirements.

4. Technical Data

Type	Rated Current (A)	Rated Voltage（VAC）	Rated Frequency	I Leakage (≤mA)	Test Voltage (2s)	Dim.	Circuit	Terminal	Climate Category
ND2101-1K	1	125/250	50/60Hz	0.5 250VAC /50Hz	Line/Line 1500VDC Line/Ground 2250VDC	Fig 1	Fig 1		25/85/21
ND2101-3K	3								
ND2101-6K	6								
ND2101-10K	10								
ND2103-1KS	1					Fig 2	Fig 2		
ND2103-3KS	3								
ND2103-6KS	6								
ND2103-10KS	10								
ND2102-10K	10					Fig 1	Fig 3		
ND2102-16K	16						Fig 4		

5. Circuit Diagrams

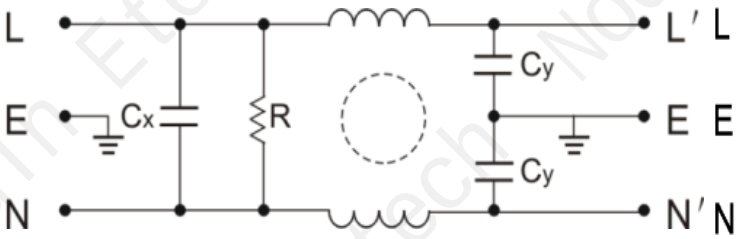


Fig 1

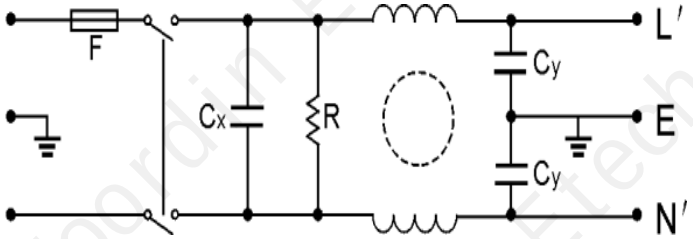


Fig 2

6. Outline Drawing (mm)

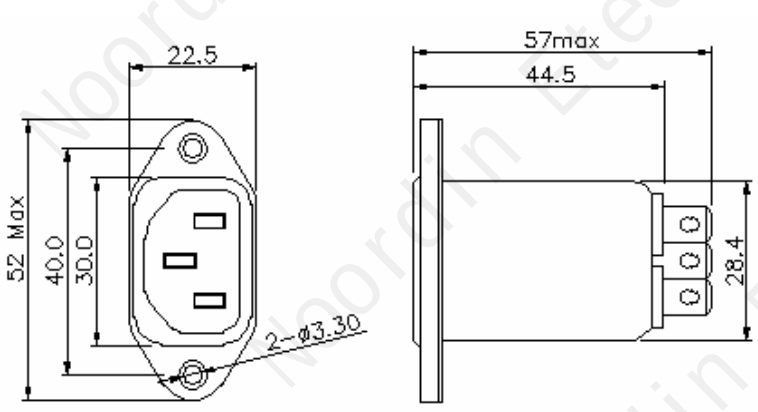


Fig 1

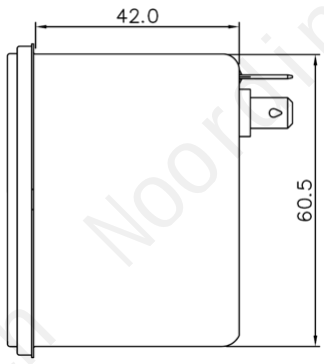


Fig 2

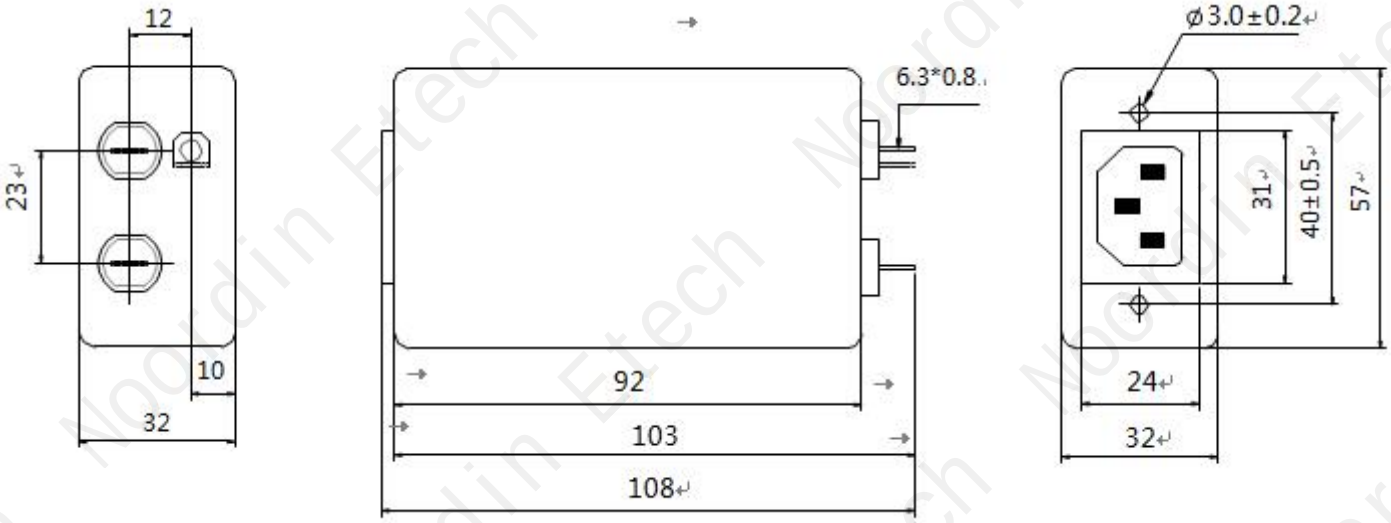


Fig 3

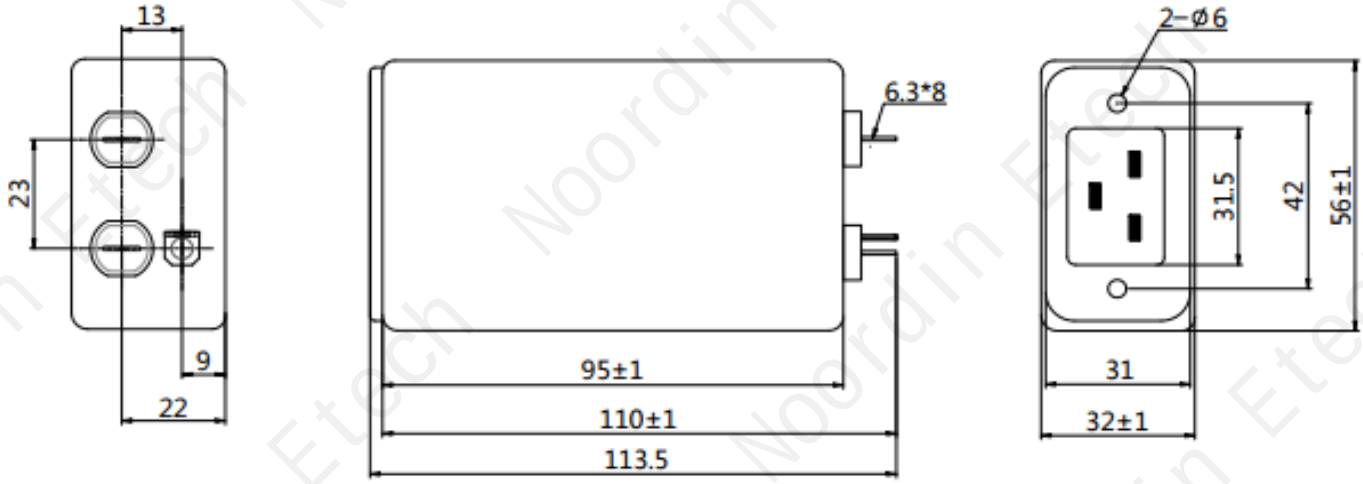


Fig4

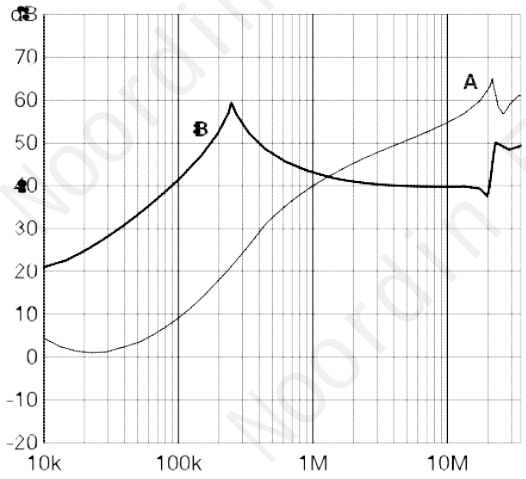
Unspecified tolerance: ±0.5 Unit: mm

6. Insertion Loss

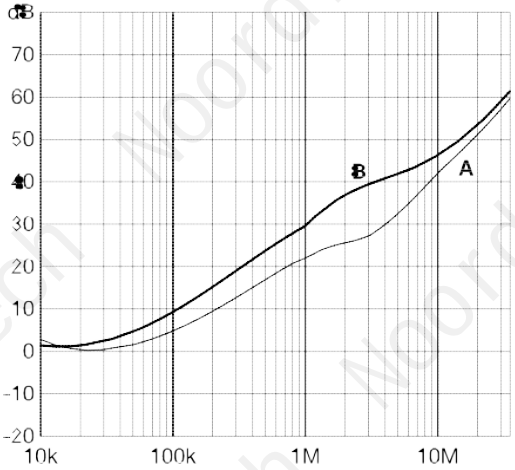
Insertion loss measured in 50Ω/50Ω system, as IEC/CISPR No. 17

A=Differential mode B=Common Mode

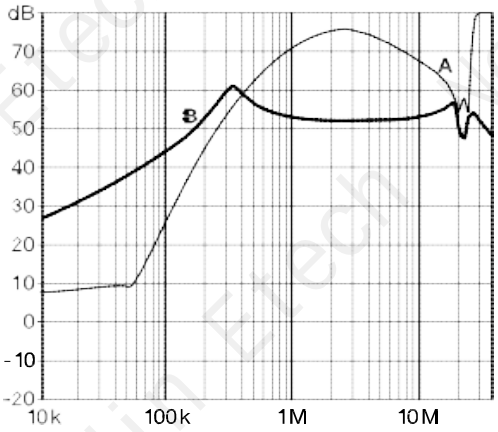
1 to 3A Type



6 to 10A Type (ND2101K)



ND2102K-10/16



Contact Us

No. 11 Shunyuan Road, Xinbei District, Changzhou, Jiangsu Province, China

+86 0519 86815058

sales@noordin.cn, cyt@noordin.cn, bjw@noordin.cn