

EMI/EMC FILTER

CN SERIES



FEATURES

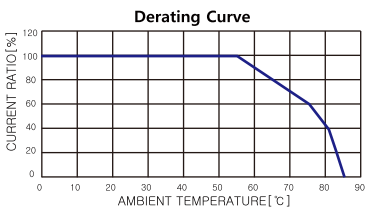
- General purpose low cost plastic case.
- Varieties in circuit and component for right selection.
- Good filtering characteristics for both differential mode and common mode.
- Epoxy molded for reliability.

APPLICATIONS

- Personal computers and peripherals.
- Digital equipments.
- For industrial equipments.
- For vending machines and OA equipments.

SPECIFICATIONS

Model	Rated Voltage (AC,DC)	Rated Current	Leakage Current (250V AC)	Operating Temperature
CN 1/2-F(H)20, F(H)20-2(4)	250V	2A	0.5mA max.	-25°C to + 85°C Including temperature rise
CN 1/2-F(H)30, F(H)30-2(4)	250V	3A	0.5mA max.	
CN 1/2-F(H)60, F(H)60-2(4)	250V	6A	0.5mA max.	
CN 3-F(H)10, F(H)10-2(4)	250V	1A	0.5mA max.	
CN 3-F(H)20, F(H)20-2(4)	250V	2A	0.5mA max.	
CN 3-F(H)30, F(H)10-2(4)	250V	3A	0.5mA max.	



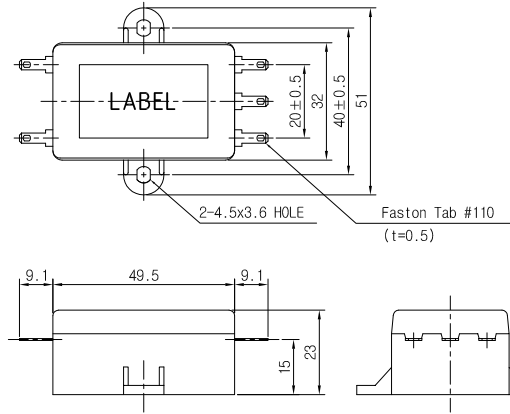
Note : Test Voltage : 1500V AC for 1 minute, line to earth
Insulation Resistance : 300 Mohm min. at 500V DC
Voltage Drop : 1V max. (except CN3~10*) at rated current
CN3~10* : 1.5V max. at rated current
Weight : CN 1,2 Series : 60g
CN 3 Series : 50g

■ Model Number Construction

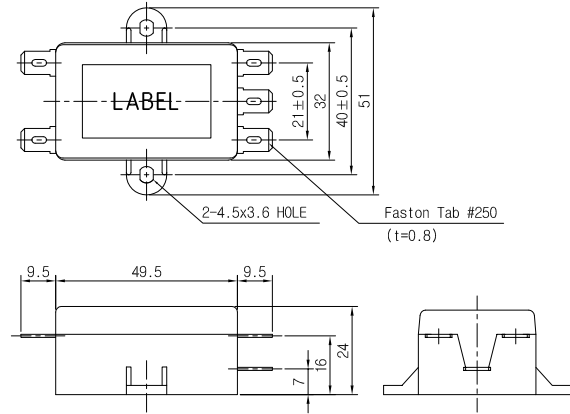
CN	1	F	10	2
Series Description : Screw Mounting/Plastic Case	Circuit:See Circuit Diagram next page	Input/Output Terminal Style F : Faston Tab #110 H : Faston Tab #250	Current Rating : AC rms 10 : 1amp (CN3 Only) 20 : 2amp 30 : 3amp 60 : 6amp(CN1, 2 Only)	Line-Line Cap.Value 2: 0.22 μ F(with resistor) 4 : 0.47 μ F(with resistor) None : 0.1 μ F(without resistor)

Shapes and Dimensions

* CN*-F** Type



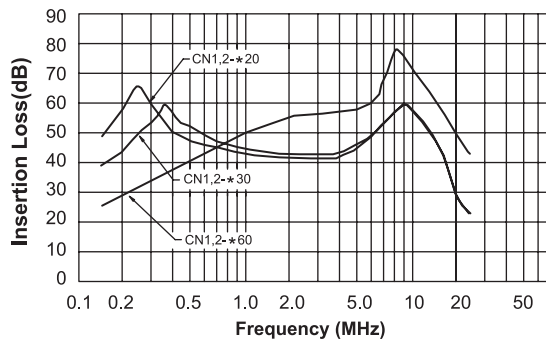
* CN*-H** Type



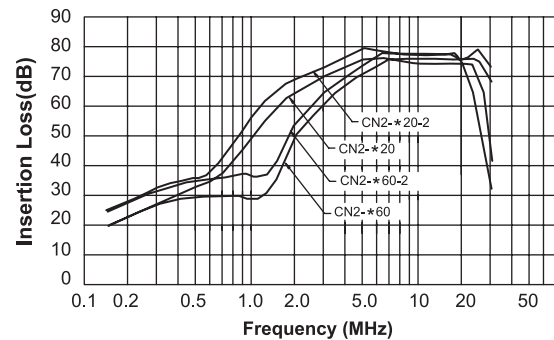
* Unit : mm
* General tolerance : ± 1.0
* Plastic case

Attenuation Characteristics

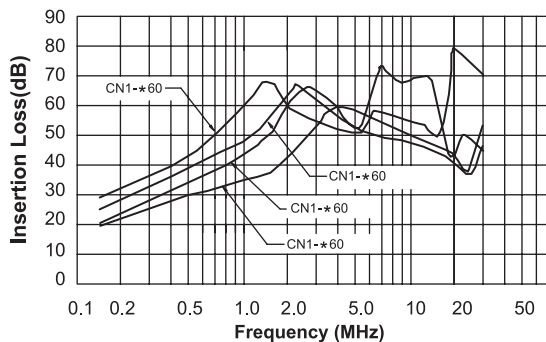
● Common Mode (CN1/2)



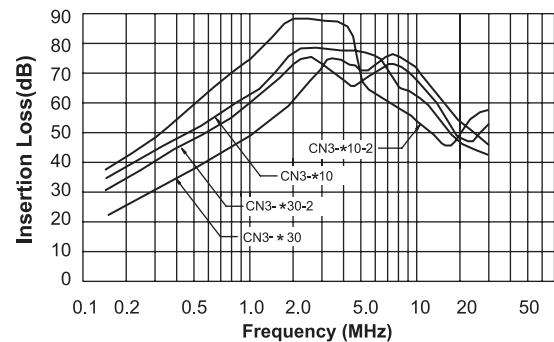
● Differential Mode (CN2)



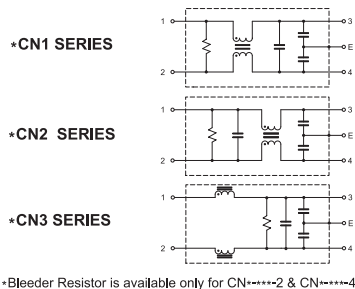
● Differential Mode (CN1)



● Differential Mode (CN3)



● Circuit Diagram



● Measurement configuration

