



# SUP-GH-EPR SERIES

# NOISE FILTERS



## Features

- Amorphous alloy core material (20dB attenuation of 2,000V).
- Three terminal styles (Faston®, solder and screw).
- Bleeder resistor for electric shock protection.

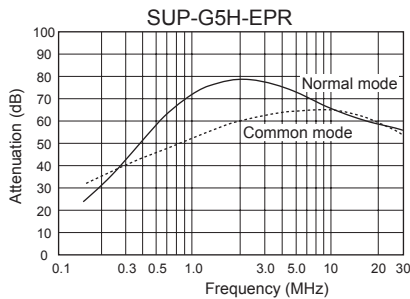
## Applications

- PCs, Copiers, Office appliances, Measuring devices and Control systems.

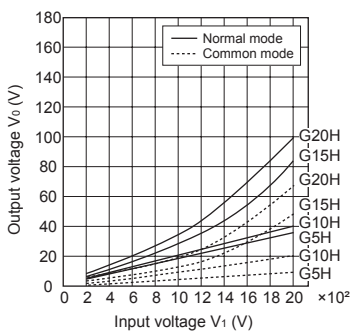
SUP-G□H-EPR Series (Faston® terminal)  
 SUP-G□H-EPR-2 Series (Solder terminal)  
 SUP-G□H-EPR-4 Series (Screw terminal)



## Static characteristics



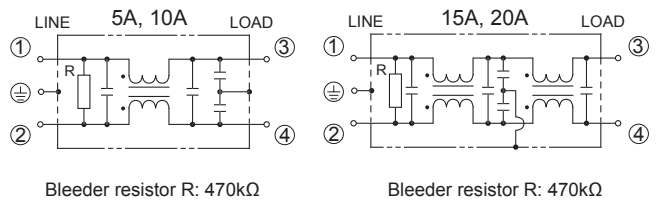
## TVSS characteristics



Safety Standard		File No.
UL	:UL1283	E78644
CSA	:C22.2, No.8-M1986	LR60681
SEMKO	:EN60939	SE/0142-23

The "ENEC" mark is a common European product certification mark based on testing to harmonised European safety standard.

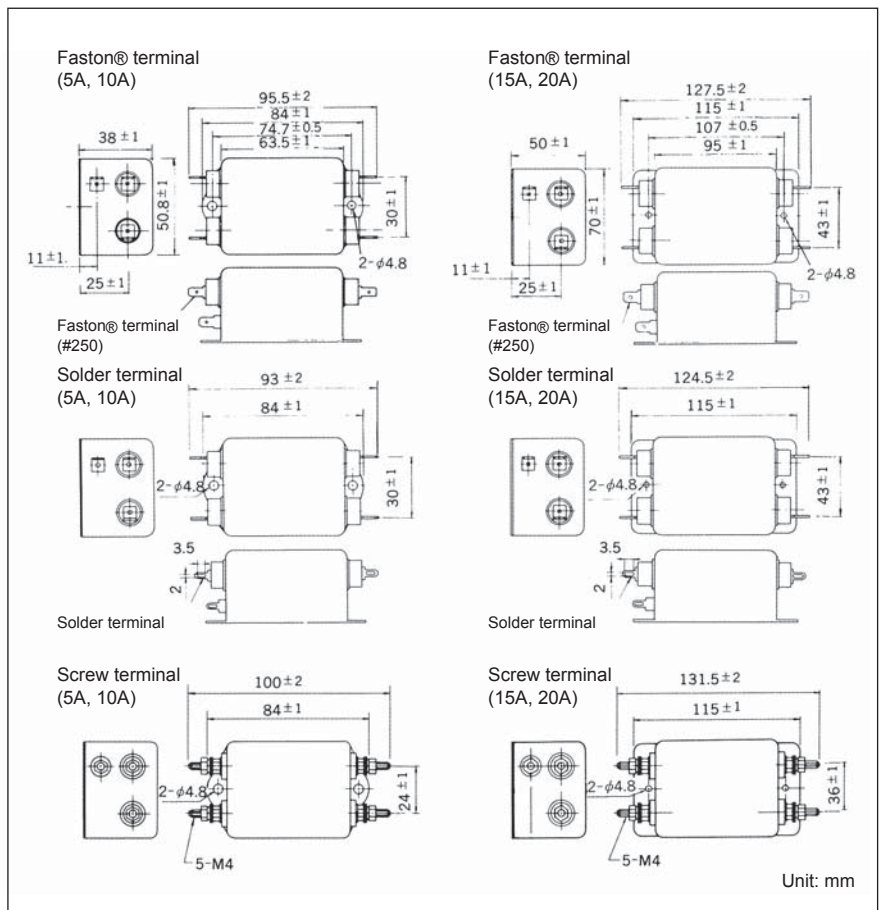
## Circuit



Bleeder resistor R: 470kΩ

Bleeder resistor R: 470kΩ

## Dimensions



Unit: mm

## Electrical Specifications

Rated Voltage **250VAC**

Safety Standard	Model Number	Rated Current (A)	Test Voltage	Insulation Resistance	Leakage Current max.	Voltage Drop max.	Temperature Rise max.	Operating Temperature (°C)	Insertion losses		Weight typ.(g)
									Normal Mode (MHz)	Common Mode (MHz)	
	SUP-G5H-EPR( $\frac{2}{3}$ )	5	L to L 1,000VAC 50/60Hz 60sec Line to Case 2,000VAC 50/60Hz 60sec	Line to Case 6,000MΩmin (at 500VDC)	0.6mA (at 250VAC 60Hz)	1.0VAC	30K	-25 ~ +55*	0.4 ~ 30	0.7 ~ 30	270
	SUP-G10H-EPR( $\frac{2}{4}$ )	10							0.5 ~ 30	0.8 ~ 30	
	SUP-G15H-EPR( $\frac{2}{4}$ )	15							0.6 ~ 30	0.6 ~ 30	640
	SUP-G20H-EPR( $\frac{2}{4}$ )	20							0.6 ~ 30	0.7 ~ 30	

Guaranteed attenuation is more than 30dB.  
 \*85°C with Temp. rise.