



SUP-PH-E1PR / -R SERIES

NOISE FILTERS



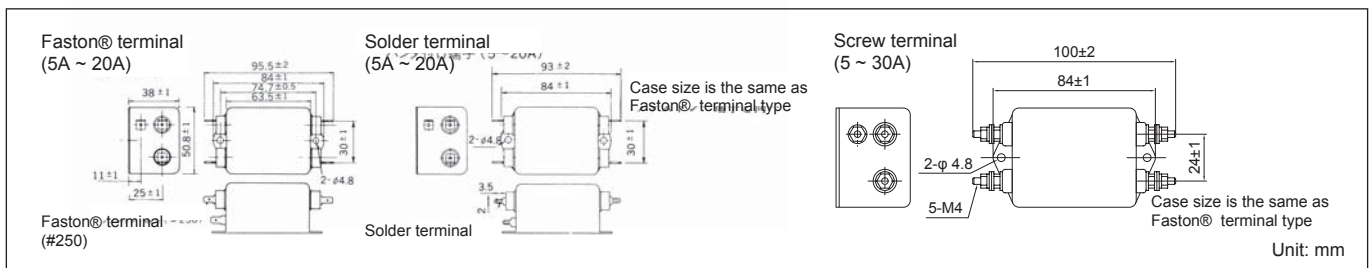
Features

- Low range high attenuation effects by super high μ material (20~30dB at 10,000Hz). Excellent pulse absorption (more than 25dB attenuation with 1,500V pulse).
- Two types of leakage current
 - less than 70 μ A
 - less than 10 μ A (applies to medical equipment)
- Three terminal styles (Faston®, solder and screw).
- Bleeder resistor for electric shock protection.

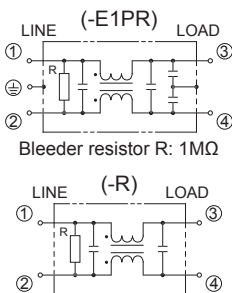
Applications

- Information processing devices (for Europe), Medical equipments, Office appliances and Various control systems.

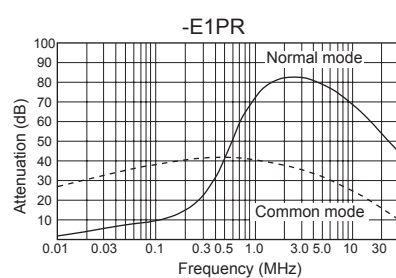
Dimensions



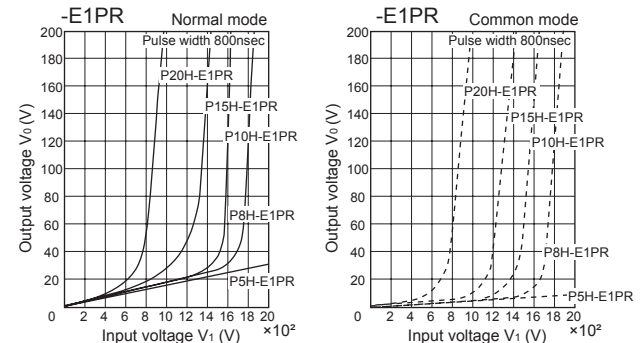
Circuit



Static characteristics



TVSS characteristics



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)		
UL®	SUP-P5H-E1PR($\frac{3}{4}$)	5	Line to Line 1,000VAC 50/60Hz 60sec	Line to Case 6,000MΩmin (at 500VDC)	70μA (at 250VAC 60Hz)	1.0VAC	35K	-25~ +50 (85°C with Temp. rise)	0.5 ~ 20	0.05 ~ 20	275	
	SUP-P8H-E1PR($\frac{3}{4}$)	8							0.6 ~ 30	0.09 ~ 30		
	SUP-P10H-E1PR($\frac{3}{4}$)	10							0.7 ~ 30	0.1 ~ 30		
SUP-P15H-E1PR($\frac{3}{4}$)	15	1.0 ~ 30										
SUP-P20H-E1PR($\frac{3}{4}$)	20	1.5 ~ 30							3.0 ~ 30			
*SUP-P30H-E1PR-4	30	3.0 ~ 30							4.0 ~ 30			
CSA®	SUP-P5H-R($\frac{3}{4}$)	5	Line to Case 2,000VAC 50/60Hz 60sec						10μA (at 250VAC 60Hz)	0.5 ~ 20		-
	SUP-P8H-R($\frac{3}{4}$)	8								0.6 ~ 30		-
	SUP-P10H-R($\frac{3}{4}$)	10								0.7 ~ 30		-
SUP-P15H-R($\frac{3}{4}$)	15	1.0 ~ 30								-		
SUP-P20H-R($\frac{3}{4}$)	20	1.5 ~ 30								-		
*SUP-P30H-R-4	30	3.0 ~ 30								-		
S												
E4												

Guaranteed attenuation is more than 40dB in normal mode and more than 35dB in common mode for SUP-PH-E1PR series.
(more than 25dB at 15A and more than 20dB at 20A, 30A)

*only screw terminal type