RoHS
(EU) 2015/863

SINGLE-PHASE NOISE FILTER SUP□-EY SERIES NOISE FILTERS

OKAYA

Features

- IEC60601 compliance (250Vac Line)
- Terminal preventing loosing screw
- Two type of inductance coil is available: F means Ferrite H means High μ
- The capacitance of Y cap is selectable
- DIN rail type is option

Applications

- Medical devices, Information processing devices, Office appliances, and Various control systems

- DIN rail type (option)

Safety Standard		File No.
UL	:UL-1283	E78644
cUL	:CSA C22.2 No.8	
ENEC	:EN60939-3	SE-ENEC-2201373

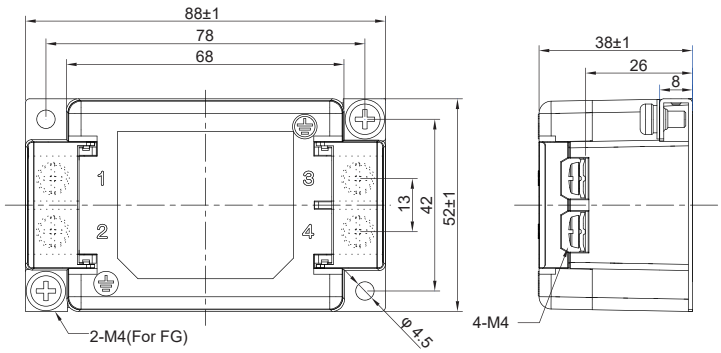
The "ENEC" mark is a common European product certification mark based on testing to harmonised European safety standard.
*File No. may be revised without notice. Please contact us at the time of your request for certifications.

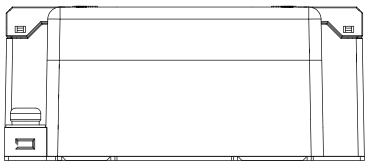
- Model numbering system

S U P □ - E Y □ - □ □ R - 6 - □

Core Material: F Ferrite; H High-μ
Rated Current
Leakage Current: E1 70μA; None 10μA
Option: None Non option; DIN DIN rail type

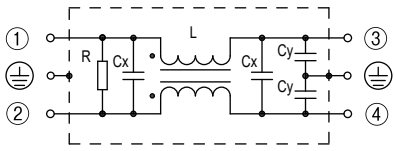
- *Dimensions*





Tolerances: ±0.5
Unit: mm

- *Circuit*



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)	Weight typ.(g)
cULus, ENEC	SUP□-EY5-E1R-6	5	Line to Line 1,500Vac 50/60Hz 60sec	Line to Ground 300MΩmin (at 500Vdc)	70μA (at 250Vac, 60Hz)	1.0Vac	45K	-25 ~ +55 (100°C with Temp. rise)	210
	SUP□-EY10-E1R-6	10							
	SUP□-EY15-E1R-6	15							
	SUP□-EY20-E1R-6	20							
	SUP□-EY30-E1R-6	30							
	SUP□-EY5-R-6	5	Line to Ground 4,000Vac 50/60Hz 60sec		10μA (at 250Vac, 60Hz)				
	SUP□-EY10-R-6	10							
	SUP□-EY15-R-6	15							
	SUP□-EY20-R-6	20							
	SUP□-EY30-R-6	30							

□= F: Ferrite, H: High-μ

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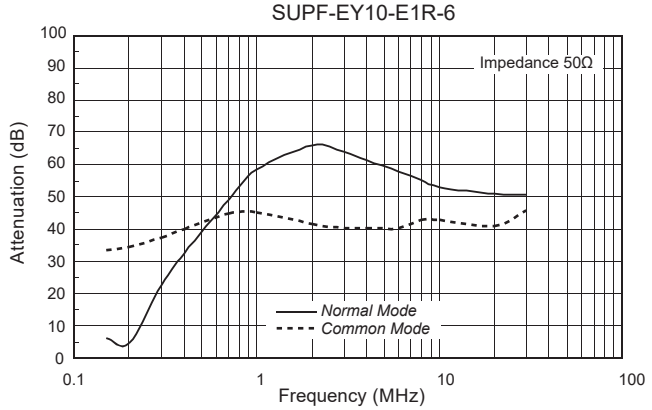
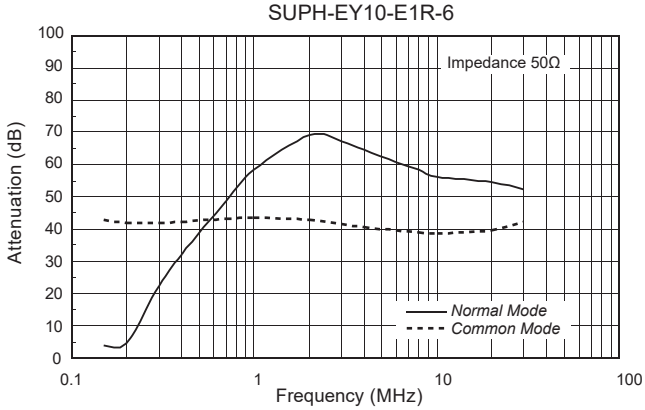
● *Static characteristics (Representative example)*

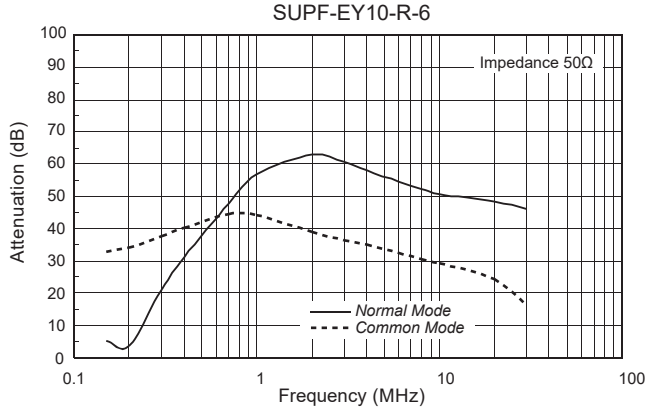
SUPF-EY10-E1R-6



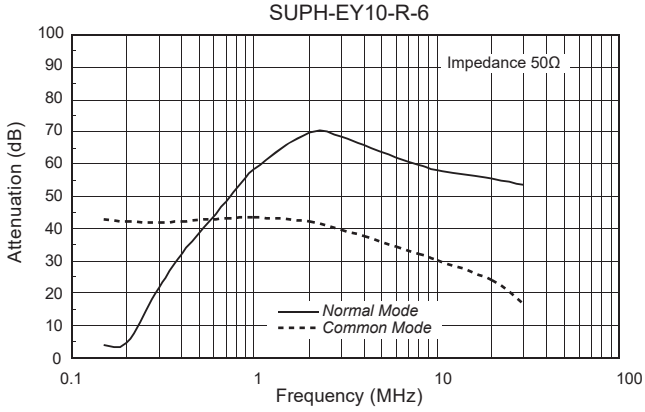
SUPH-EY10-E1R-6



SUPF-EY10-R-6

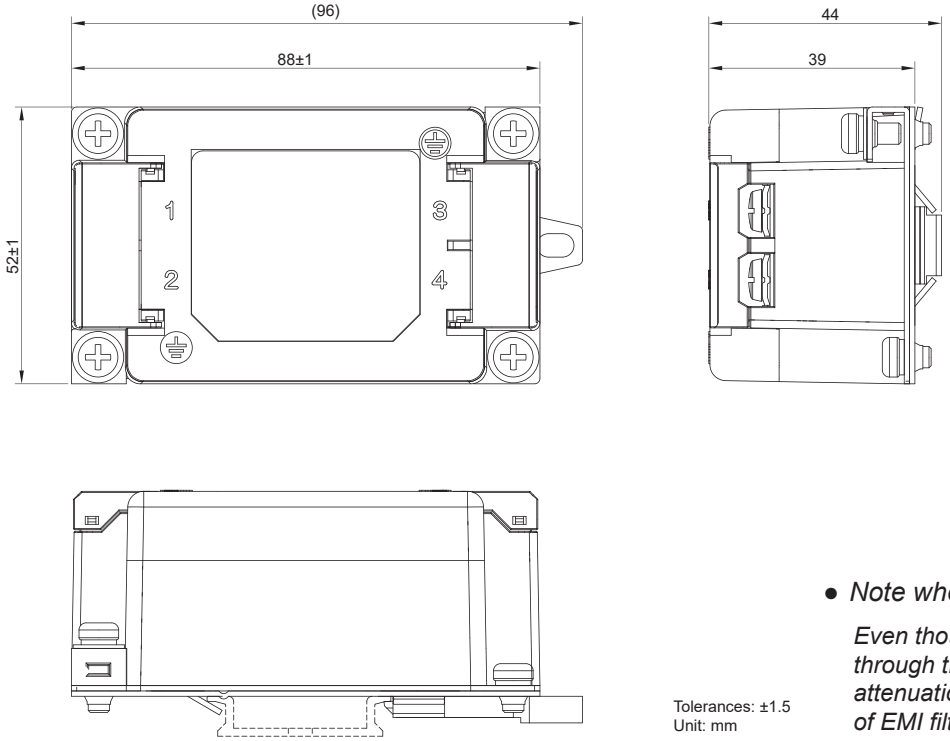


SUPH-EY10-R-6



● *Dimensions*

DIN rail type (option)



Tolerances: ±1.5
Unit: mm

● *Note when installing EMI filter on DIN rail*

Even though the ground connects correctly through the DIN rail, may not get noise attenuation. Be sure to connect the FG ground of EMI filter to the ground directory.