

SUP-AL SERIES



SUP-AL-E SERIES

NOISE FILTERS



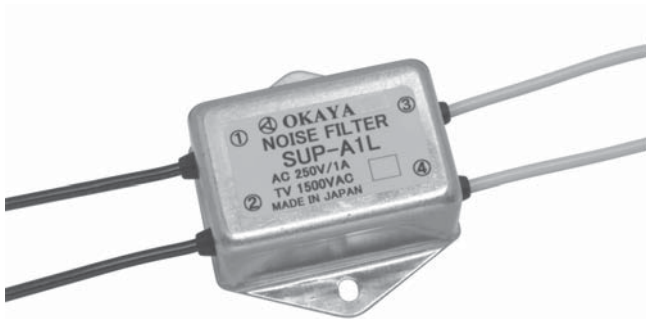
Features

- Large normal mode attenuation
- Light and compact size
- Leak current lower than 10mA(250Vac, 60Hz)

Applications

- Medical equipments, Thyristor-applied systems, Fax machines, Game machines, Control systems, etc.

- SUP-A□L Series



Features

- Large normal mode attenuation
- Light and compact size

Applications

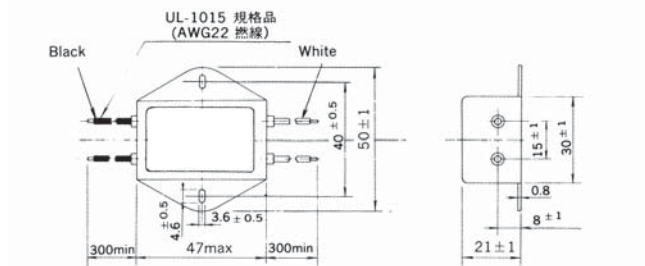
- Thyristor-applied systems, Fax machines, Game machines, Control systems, etc.

- SUP-A□L-E Series



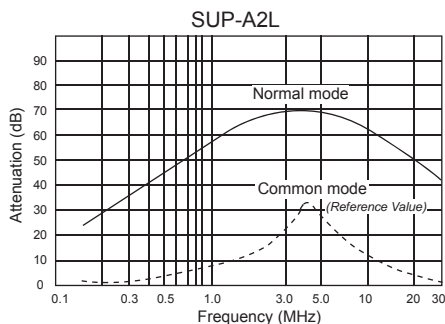
Dimensions

SUP-AL, AL-E

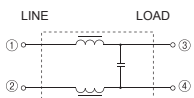


Unit: mm

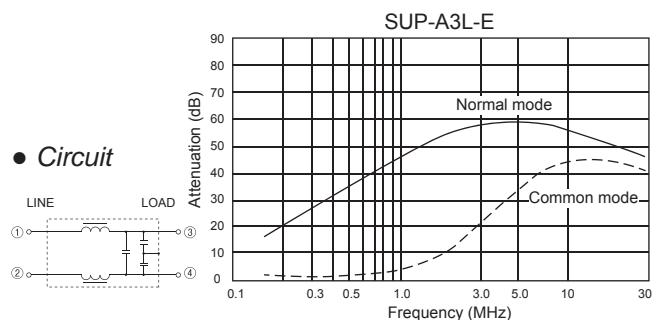
Static characteristics



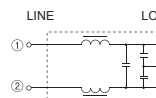
Circuit



Static characteristics



Circuit



Electrical Specifications

Rated Voltage **250Vac**

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-A1L	1	Line to Line 1,000Vac 50/60Hz 60sec	Line to Line 1,000MΩmin Line to Ground 1,000MΩmin (at 500Vdc)	10μA (at 250Vac 60Hz)	1.5Vac	30K	-20 ~ +55 (85°C with Temp. rise)	0.4 ~ 20	-	80
SUP-A2L	2				1.0Vac			0.6 ~ 20		
SUP-A3L	3				1.0Vac			1.5 ~ 20		
SUP-A1L-E	1	Line to Ground 1,500Vac 50/60Hz 60sec	Line to Ground 1,000MΩmin (at 500Vdc)	0.6mA (at 250Vac 60Hz)	1.5Vac	30K	-20 ~ +55 (85°C with Temp. rise)	0.4 ~ 20	2 ~ 30	82
SUP-A2L-E	2				1.0Vac			0.6 ~ 20	3 ~ 30	
SUP-A3L-E	3				1.0Vac			1.5 ~ 20	*4 ~ 30	

Guaranteed attenuation is more than 40dB in normal mode and more than 25dB in common mode. (*more than 20dB)