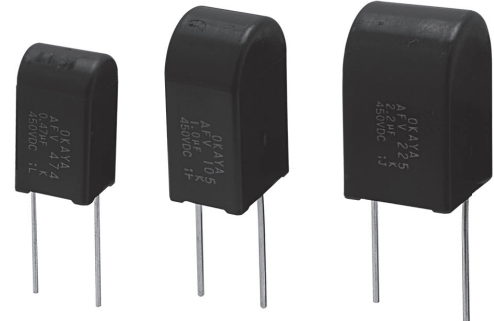




Features

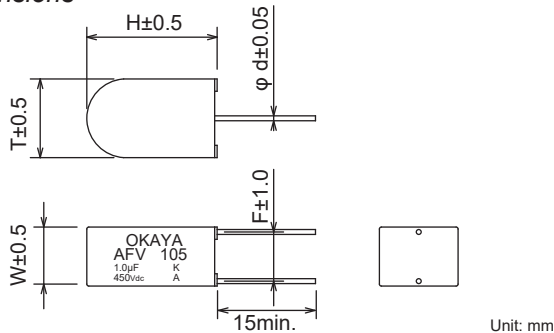
- For use in active filters and snubbers for electronic circuit.
- Featured metallized polypropylene films to increase electric current withstand capability.
- 50% better dielectric withstand than the HCP series and 3~5 times better than the HCE series.
- The resin case is designed to consume a smaller footprint due to the reduced length and width.
- The case top features a radius which allows for ventilated effects.



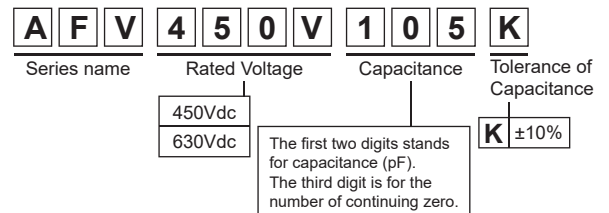
Applications

- TV, PC Display monitor, Electric Appliances (75~500W) and All electric equipment using switching power supplies or semiconductors requiring snubber circuit.

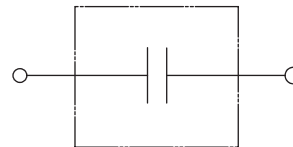
Dimensions



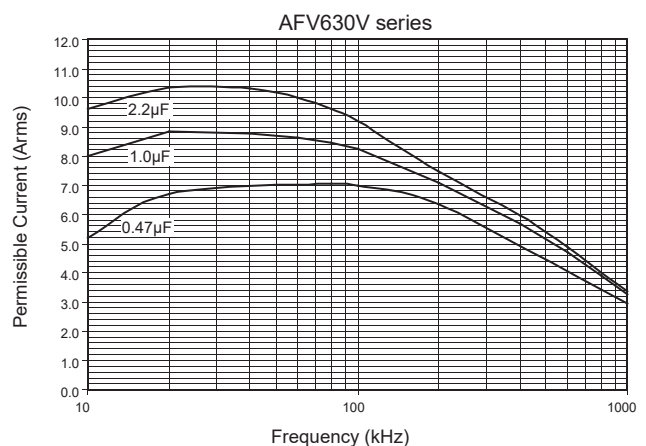
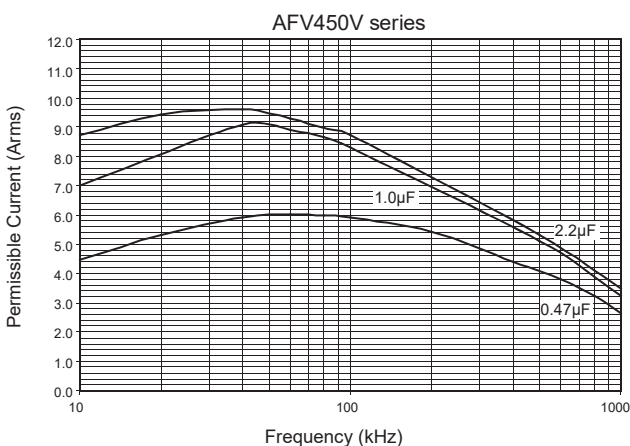
Model numbering system



Circuit



Permissible current data



Electrical Specifications

Rated Voltage	Model Number	Capacitance $\mu\text{F} \pm 10\%$	Dimensions (mm)					Dissipation Factor (at 1kHz)	Test Voltage Rated Voltage $\times 1.75\text{Vdc}$ (2~5sec)	Insulation Resistance 20,000M Ω min. (at 20°C, 100Vdc)
			W	H	T	F	d			
450Vdc	AFV450V474K	0.47	12.0	21.0	10.5	10.0	0.8	0.001max. (at 1kHz)	Rated Voltage $\times 1.75\text{Vdc}$ (2~5sec)	20,000M Ω min. (at 20°C, 100Vdc)
	AFV450V105K	1.0	12.0	26.5	16.0	10.0	1.0			
	AFV450V225K	2.2	17.0	27.5	17.0	15.0	1.0			
630Vdc	AFV630V474K	0.47	12.0	26.5	16.0	10.0	1.0			
	AFV630V105K	1.0	17.0	27.5	17.0	15.0	1.0			
	AFV630V225K	2.2	20.0	36.0	26.0	17.5	1.0			

It is possible to use from more than 85°C to 105°C by derating of rated voltage.

Operating Temperature: -40~+85°C