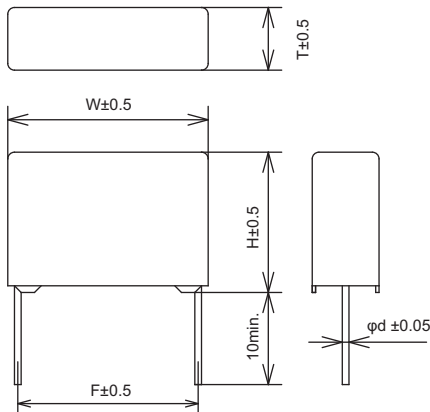


**Features**

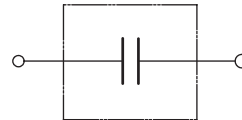
- Low self-heating and low loss by using thin polypropylene film.
- High withstand voltage (between line and case) by the design of resin outer case.
- Stable design for mounting on a board.
- No derating voltage to maximum temperature.

**Applications**

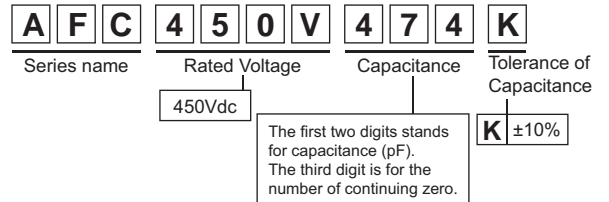
- Active filter circuit for electrical appliances. (PFC circuit)
- Flat screen television, PC display monitor, Audio-video equipment and home appliance.
- *Dimensions*



**Circuit**

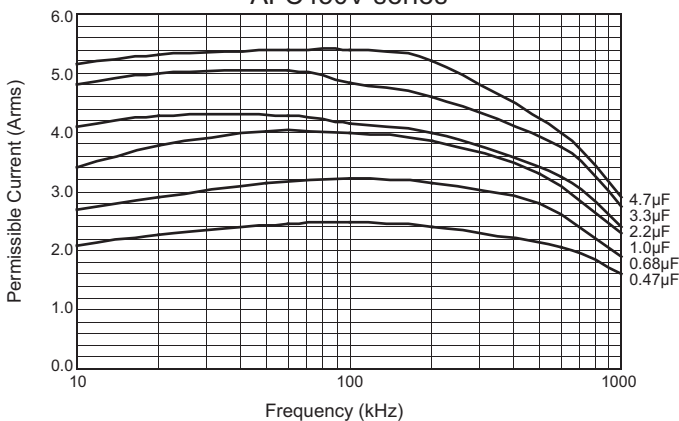


**Model numbering system**



**Permissible current data**

AFC450V series



**Electrical Specifications**

Rated Voltage	Model Number	Capacitance $\mu\text{F} \pm 10\%$	Dimensions (mm)					Dissipation Factor	Test Voltage	Insulation Resistance
			W	H	T	F	$\phi d$			
450Vdc	AFC450V474K	0.47	17.0	14.5	6.5	15.0	0.6	0.002max. (at 1kHz)	Rated Voltage $\times 1.75\text{Vdc}$ (2~5sec)	7,500 $\Omega \cdot \text{Fmin.}$ (at 20°C, 100Vdc)
	AFC450V684K	0.68	17.5	15.0	7.5	15.0	0.8			
	AFC450V105K	1.0	17.5	18.0	9.5	15.0	0.8			
	AFC450V225K	2.2	25.5	19.5	10.5	22.5	0.8			
	AFC450V335K	3.3	25.5	22.0	13.5	22.5	0.8			
	AFC450V475K	4.7	25.5	25.5	16.5	22.5	0.8			

Operating Temperature: -40~+105°C