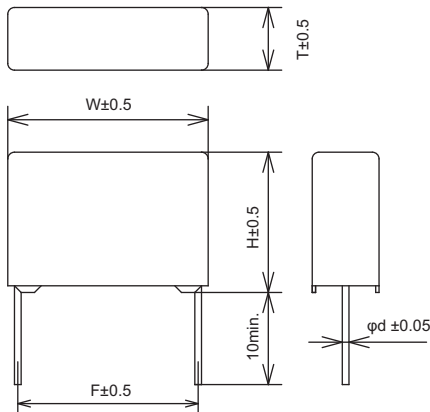


Features

- 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

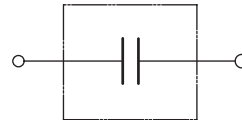
- Active filter circuit for electrical appliances. (PFC circuit)
- Flat screen television, PC display monitor, Audio-video equipment and home appliance.
- *Dimensions*



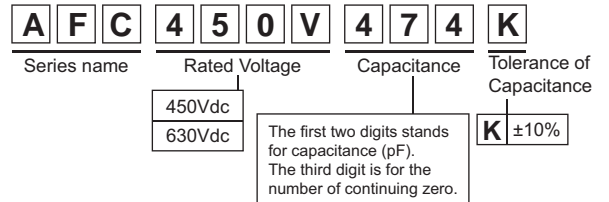
Unit: mm



Circuit



Model numbering system



Permissible current data

AFC450V-630V 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	ϕd			
450Vdc 630Vdc	AFC□□□V474K	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)
	AFC□□□V684K	0.68	17.5	15.0	7.5	15.0	0.8			
	AFC□□□V105K	1.0	17.5	18.0	9.5	15.0	0.8			
	AFC□□□V225K	2.2	25.5	19.5	10.5	22.5	0.8			
	AFC□□□V335K	3.3	25.5	22.0	13.5	22.5	0.8			
	AFC□□□V475K	4.7	25.5	25.5	16.5	22.5	0.8			

□□□: Rated Voltage 450(Vdc), 630(Vdc)

Operating Temperature: -40~+105°C