

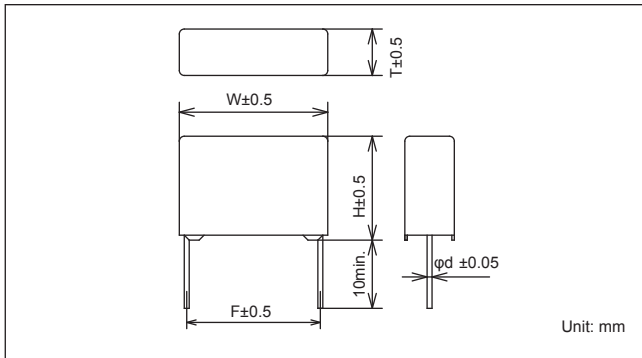
**Features**

- 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.

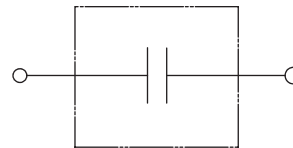
**Applications**

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

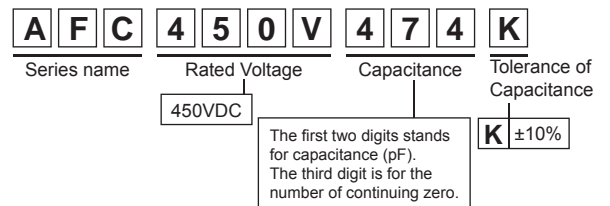
**Dimensions**



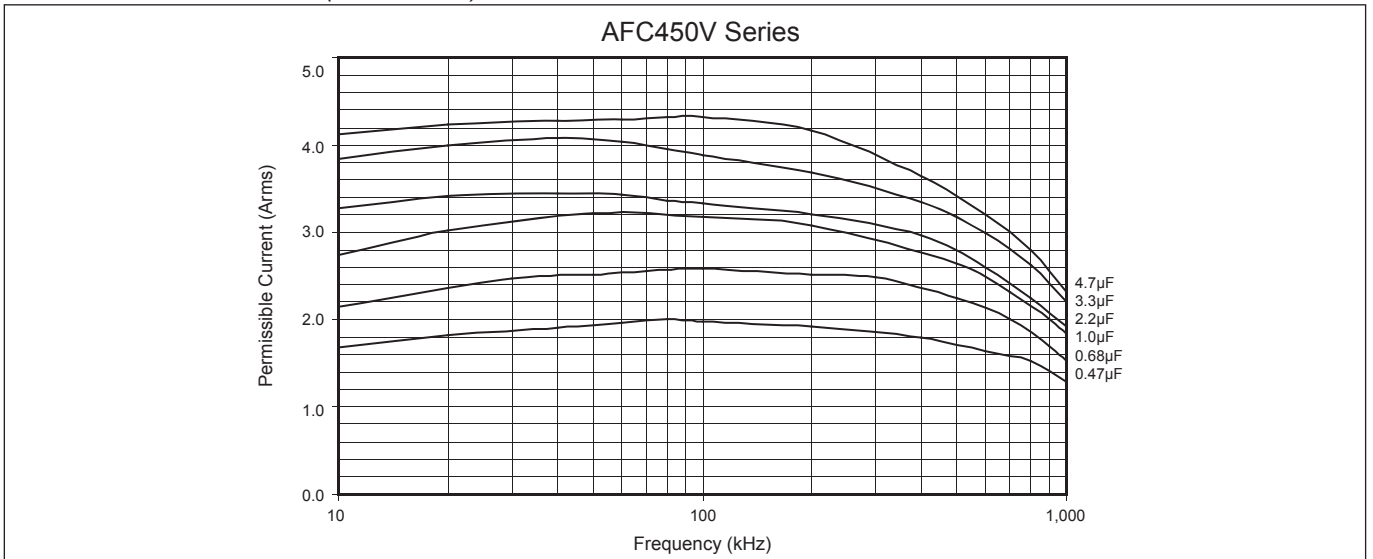
**Circuit**



**Model numbering system**



**Permissible current data (r.m.s. value)**



**Electrical Specifications**

Model Number	Capacitance µF±10%	Dimensions					Dissipation Factor	Test Voltage	Insulation Resistance
		W	H	T	F	d			
AFC450V474K	0.47	17.0	14.5	6.5	15.0	0.6	Line to Line Rated Voltage×1.75VDC (2~5sec)  Line to Case 2,500VAC 50/60Hz 60sec	Line to Line 7,500Ω·Fmin.  Line to Case 100,000MΩmin. (at 100VDC)	
AFC450V684K	0.68	17.5	15.0	7.5		0.8			
AFC450V105K	1.0	18.0	18.0	9.5					
AFC450V225K	2.2	25.5	19.5	10.5					
AFC450V335K	3.3		22.0	13.5					
AFC450V475K	4.7		25.5	16.5					

Operating Temperature: -40~+105°C