**AFX** SERIES

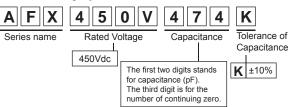


## Features

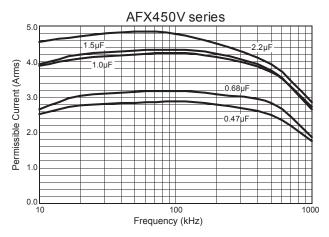
- •Space-saving, high permissible current, low buzzing
- •High reliability for proprietary-structure
- Correspondence of passive flammability (Flame-resistant category B)
   Volume: ≥1750mm<sup>3</sup> [Capacitance: ≥1.0µF]
- Adopting for box type of casing,
  High withstand voltage between line and case (2500Vac /1min.)
  Stabile design for mounting on a board

## Applications

- PFC circuit of electrical equipment
- Flat-TV, PC, LED lighting etc.
- Model numbering system

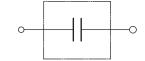


• Permissible current data

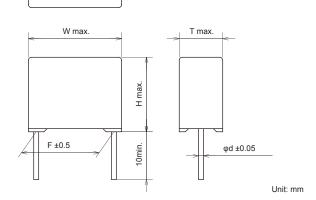




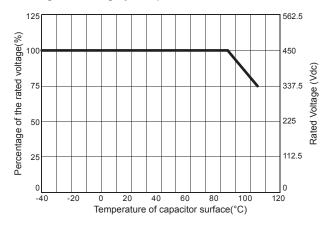
• Circuit



• Dimensions



• Voltage dereting by temperature



## **Electrical Specifications**

Rated Voltage	Model Number	Capacitance µF±10%	Dimensions (mm)					Dissipation	Test Voltage	Insulation
			W	Н	Т	F	φd	Factor	Test vollage	Resistance
450Vdc	AFX450V474K	0.47	15.0	12.0	7.0	12.5	0.6	0.002max. (at 1kHz)	Rated Voltage ×1.5Vdc (60sec)	7,500Ω•Fmin. (at 20°C,100Vdc)
	AFX450V684K	0.68	15.0	13.5	8.5	12.5	0.6			
	AFX450V105K	1.0	15.5	14.5	9.5	12.5	0.8			
	AFX450V155K	1.5	17.5	15.5	10.5	15.0	0.8			
	AFX450V225K	2.2	17.5	17.0	12.5	15.0	0.8			

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

• The content may change without notice. Please refer to our specification sheet before ordering.