

# Metallized film capacitor

## FPS3 520V SERIES

Please request specifications for consideration.  
If you send the email to "Contact us", we will send it.

### 520V Small for Power supply PFC Metallized PP film capacitor

#### ★ Performance

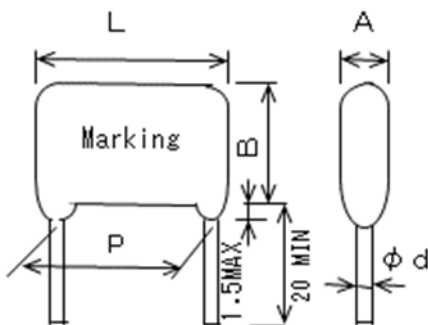
Item	Performance
Temperature range	-40~+85°C(+110°C) (Derate the voltage at +85~+110°C)
Rated Voltage (U <sub>R</sub> )	520V <sub>DC</sub>
Capacitance range	0.47 ~2.2 μF
Capacitance tolerance	±10%(K)
Insulation resistance (IR)	≥7500 Ω·F ( 500 VDC for 1min)
tanδ	≤0.001 (1kHz)



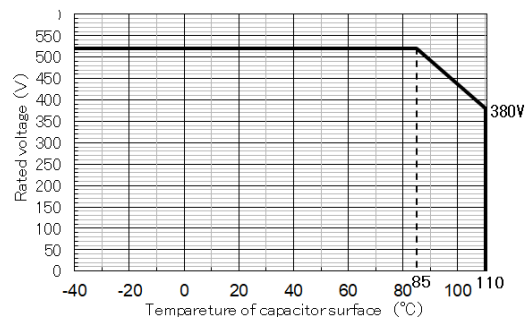
#### ★ Standard dimensions table (FPS3 520V)

Parts cord	Rated voltage (V <sub>DC</sub> )	Capacitance (μF)	Cap. tolerance (%)	Dimensions (mm)					Permissible Current (Peak) I <sub>op</sub> (A)	Taping PCS/Package
				A max	B max	L max	P ±0.75	φ d		
FPS22H474K3R	520	0.47	±10	5.5	14.0	12.5	10.0	0.60	13.7	500
FPS22H684K3P10R		0.68		6.5	15.8	12.5	10.0	0.60	19.8	500
FPS22H684K3R		0.68		5.8	12.0	17.8	15.0	0.80	11.1	500
FPS22H105K3P10R		1.0		8.0	17.4	12.5	10.0	0.60	29.2	No taping
FPS22H105K3R		1.0		7.0	13.0	17.8	15.0	0.80	16.4	400
FPS22H155K3P10R		1.5		11.0	19.8	12.5	10.0	0.60	43.7	No taping
FPS22H155K3R		1.5		9.0	15.4	17.8	15.0	0.80	24.6	300
FPS22H225K3R		2.2		10.5	17.2	17.8	15.0	0.80	36.0	No taping
FPS22H105K3A5.2R		1.0		5.2	17.5	17.8	15.0	0.80	16.4	No taping
FPS22H155K3A6.5R		1.5		6.5	18.5	17.8	15.0	0.80	24.6	No taping
FPS22H225K3A8.2R		2.2		8.2	20.5	17.8	15.0	0.80	36.0	No taping

#### ■ Component outline



#### ■ Derating Voltage at high Temperature



Temperature:  
Capacitor surface temperature

# Metallized film capacitor

Permissible current(Effective value) VS Frequency

## FPS3 520VDC

