

# Metallized film capacitor

## FPS4 SERIES

Small (450VDC)

Metallized PP film capacitor

### ★ Performance

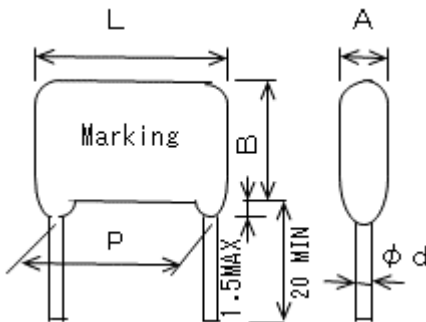
Item	Performance
Temperature range	-40~+85°C(+110°C) (Derate the voltage at +85~+110°C)
Rated Voltage (U <sub>R</sub> )	450V <sub>DC</sub>
Capacitance range	0.47 ~ 4.7 μF
Capacitance tolerance	±10%(K)
Insulation resistance (IR)	≥ 7500 Ω·F ( 100 VDC for 1min)
tanδ	≤ 0.001 (1kHz)



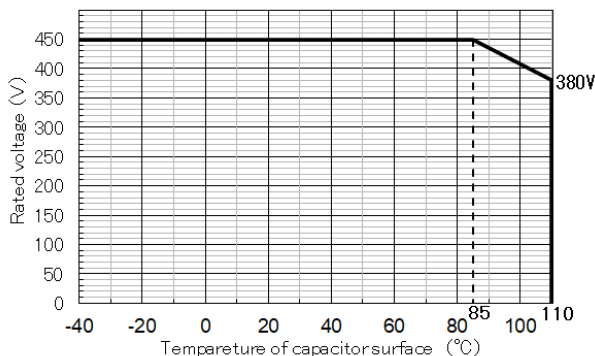
### ★ Standard dimensions table (FPS4)

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	φd		
FPS22W474K4R	450	0.47	±10	4.6	11.7	12.5	10.0	0.6	13.7	600
FPS22W684K4R		0.68		5.3	13.2	12.5	10.0	0.6	19.8	600
FPS22W684K4P15R		0.68		5.2	9.7	17.8	15.0	0.6	11.1	600
FPS22W105K4R		1.0		6.2	14.8	12.5	10.0	0.6	29.2	500
FPS22W105K4P15R		1.0		6.1	11.0	17.8	15.0	0.6	12.5	500
FPS22W155K4R		1.5		7.8	17.5	12.5	10.0	0.8	33.5	No taping
FPS22W155K4P15R		1.5		7.3	12.2	17.8	15.0	0.6	18.8	400
FPS22W225K4R		2.2		10.2	18.4	12.5	10.0	0.8	49.2	No taping
FPS22W225K4P15R		2.2		8.7	13.6	17.8	15.0	0.8	27.6	300
FPS22W335K4P15R		3.3		10.3	15.8	17.8	15.0	0.8	41.4	No taping
FPS22W475K4P15R		4.7		12.5	18.5	17.8	15.0	0.8	59.0	No taping

### ■ Component outline



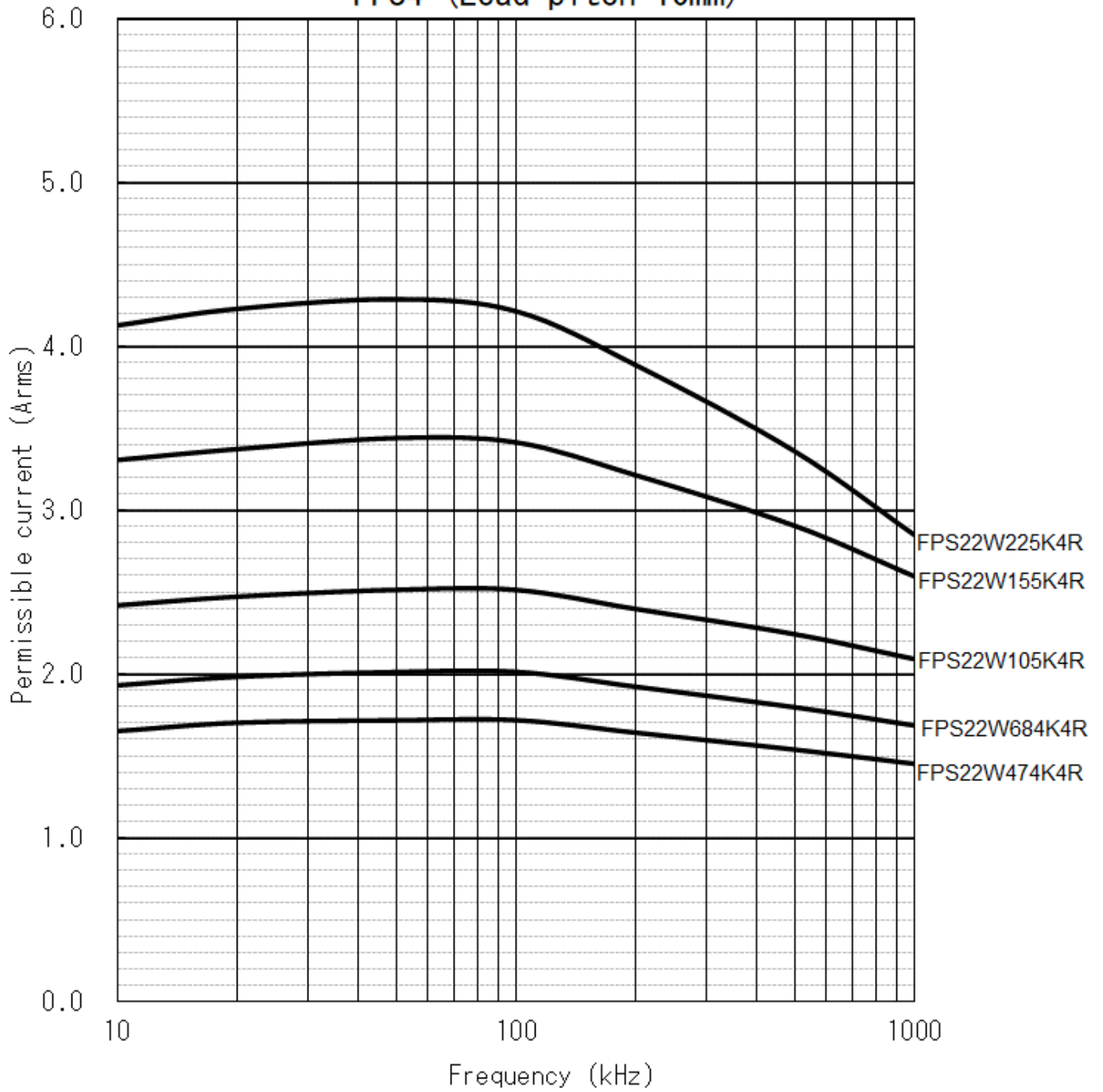
### Derating Voltage at high Temperature



Temperature:  
Capacitor surface temperature

# Metallized film capacitor

## Permissible current (Effective value) VS Frequency FPS4 (Lead pitch 10mm)



# Metallized film capacitor

## Permissible current (Effective value) VS Frequency FPS4 (Lead pitch 15mm)

