

# Metallized film capacitor

**FPCS SERIES**

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

**Boxed type Small (450VDC)**

**Metallized PP film capacitor**

★ **Performance**

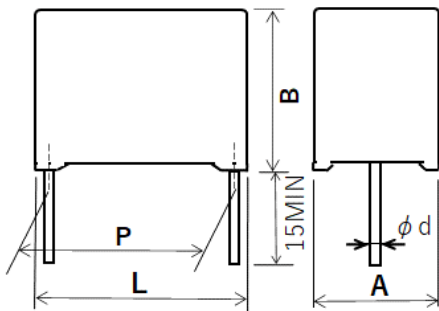
Item	Performance
Temperature range	-40 ~ +85°C (+110°C) (Derate the voltage at +85 ~ +110°C) (Derate effective current at +100 ~ +110°C.)
Rated Voltage (U <sub>R</sub> )	450V <sub>DC</sub>
Capacitance range	0.47 ~ 4.7 μF
Capacitance tolerance	±10%(K)
Insulation resistance (IR)	≥ 7500 Ω·F ( 100 VDC for 1min)
tanδ	≤ 0.002 (1kHz)



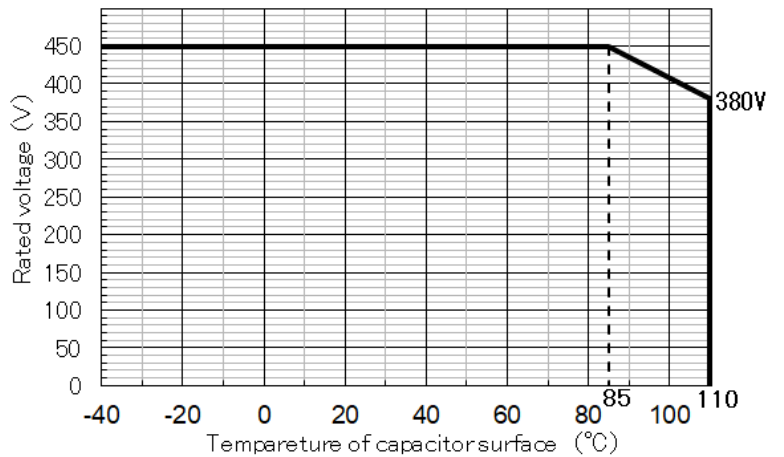
★ **Standard dimensions table (FPCS)**

Parts cord	Rated voltage (V <sub>DC</sub> )	Capacitance (μF)	Cap. tolerance (%)	Dimensions (mm)					Permissible Current (Peak) I <sub>op</sub> (A)
				A max	B max	L max	P ±0.75	φd	
FPCS2W474K1L10R	450	0.47	±10	5.0	12.0	13.0	10.0	0.6	13.7
FPCS2W684K1L10R		0.68		5.5	14.0	13.0	10.0	0.6	19.8
FPCS2W105K1L10R		1.0		6.5	16.0	13.0	10.0	0.6	29.2
FPCS2W155K1L10R		1.5		8.0	17.5	13.0	10.0	0.6	33.5
FPCS2W225K1L10R		2.2		10.0	19.0	13.0	10.0	0.6	49.2
FPCS2W684K1L15R		0.68		5.5	11.0	17.8	15.0	0.6	11.1
FPCS2W105K1L15R		1.0		6.0	12.5	17.8	15.0	0.8	12.5
FPCS2W155K1L15R		1.5		7.5	13.5	17.8	15.0	0.8	18.8
FPCS2W225K1L15R		2.2		9.0	15.0	17.8	15.0	0.8	27.6
FPCS2W335K1L15R		3.3		11.0	17.0	17.8	15.0	0.8	41.4
FPCS2W475K1L15R		4.7		13.0	19.0	17.8	15.0	0.8	59.0

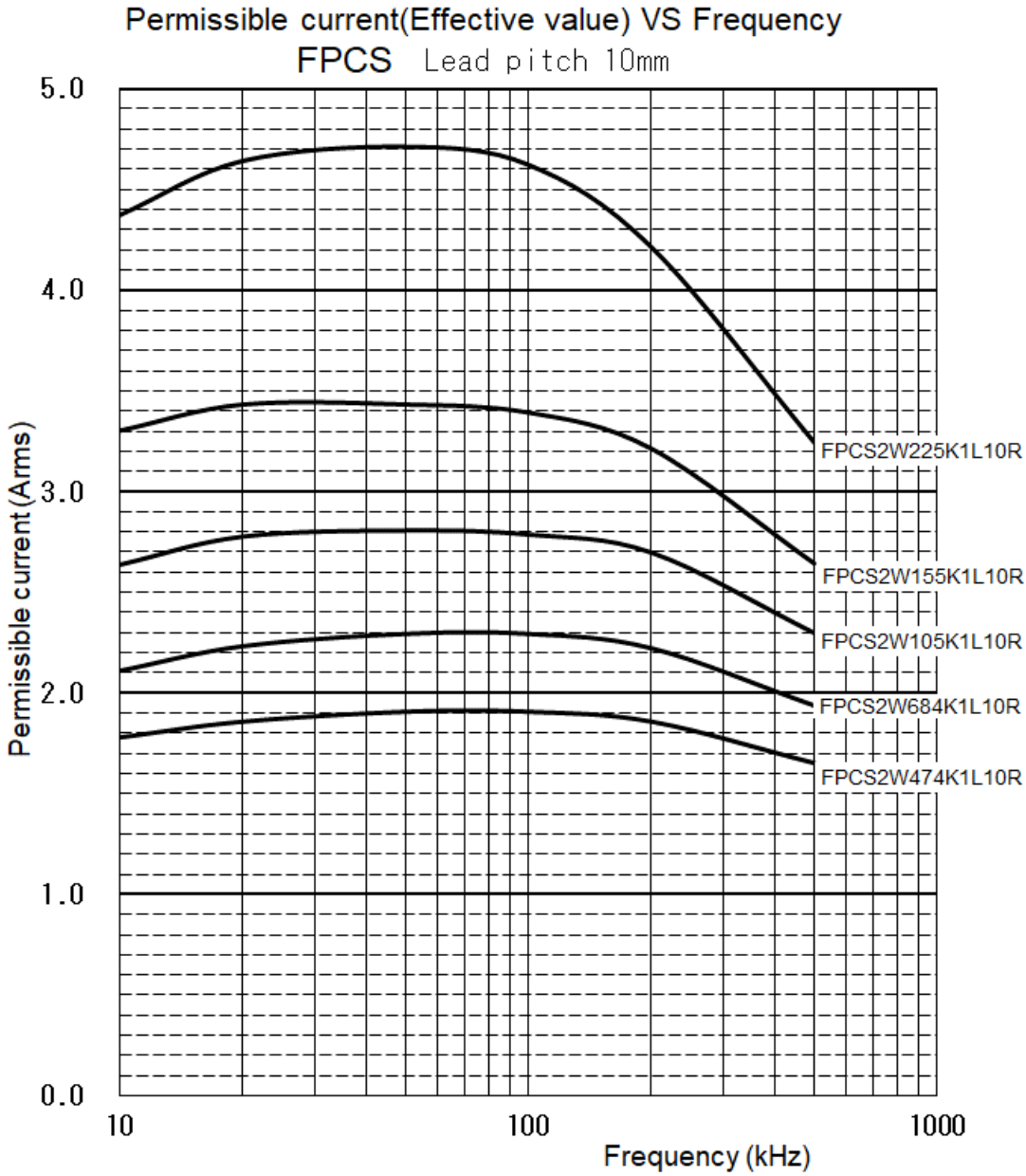
■ **Component outline**



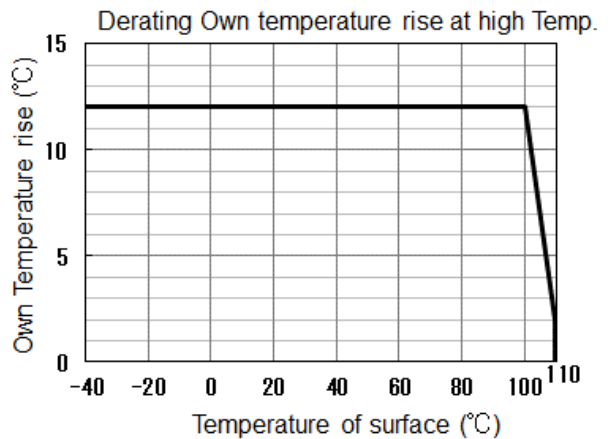
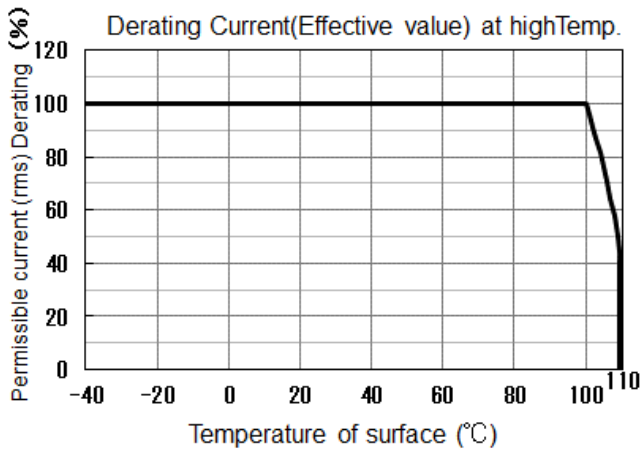
■ **Derating Voltage at high Temperature**



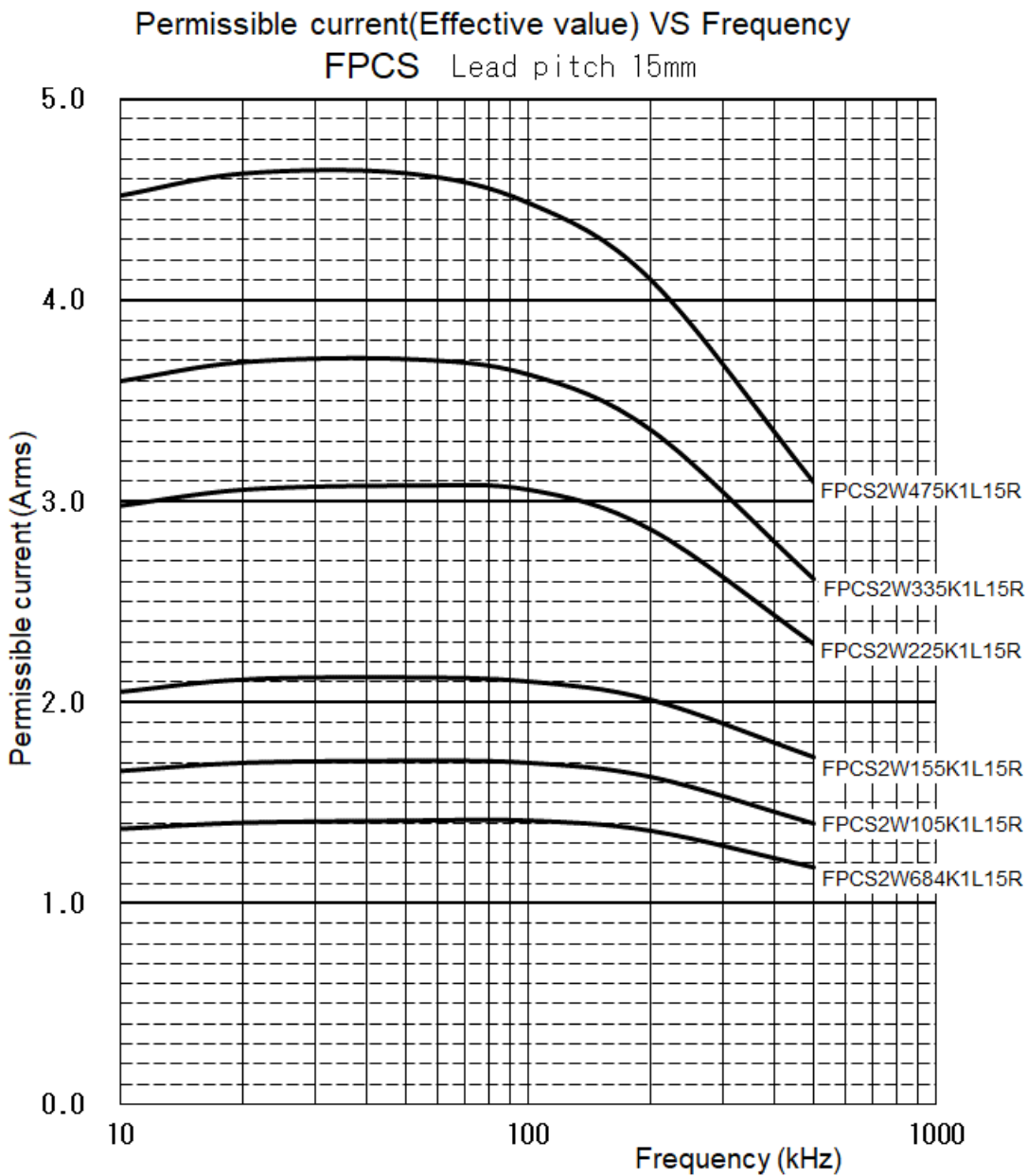
# Metallized film capacitor



If the surface temperature of the capacitor is + 100 ~ + 110°C, use it with the following derating.



# Metallized film capacitor



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