

# Metallized film capacitor

## FPB2 SERIES

## Small (630VDC)

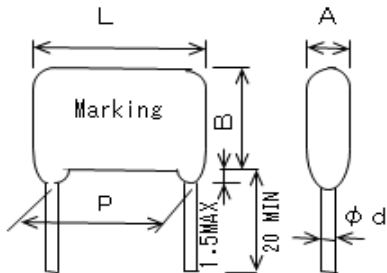
### ★ Performance

| Item                            | 性能  |
|---------------------------------|---|
| Temperature range               | -40 ~ +105°C  |
| Rated Voltage (U <sub>R</sub> ) | 630V <sub>DC</sub> (Continuously applied voltage fluctuation is 400 V <sub>PP</sub> or less ) |
| 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)  |

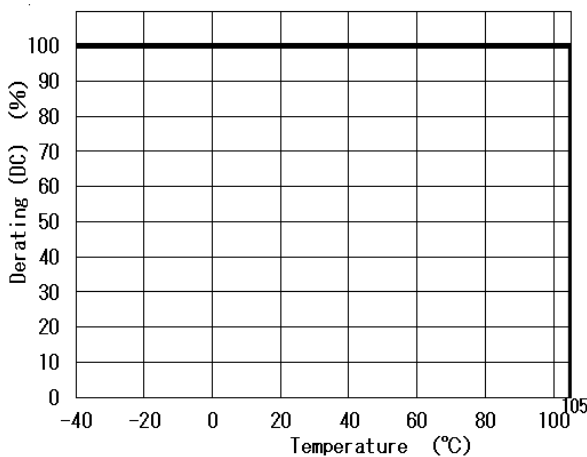
### ★ Standard dimensions table (FPB2)

| 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  |  |                    |
| FPB22J474K2 | 630                              | 0.47             | ±10                | 6.5             | 12.0  | 17.8  | 15.0    | 0.6 | 14.2   | 500                |
| FPB22J684K2 |                                  | 0.68             |                    | 7.7             | 13.2  | 17.8  | 15.0    | 0.8 | 20.5   | 400                |
| FPB22J105K2 |                                  | 1.0              |                    | 9.5             | 15.0  | 17.8  | 15.0    | 0.8 | 30.2   | 300                |
| FPB22J155K2 |                                  | 1.5              |                    | 11.5            | 17.5  | 17.8  | 15.0    | 0.8 | 45.3   | No                 |
| FPB22J225K2 |                                  | 2.2              |                    | 14.0            | 20.0  | 17.8  | 15.0    | 0.8 | 66.5   | taping             |

### ■ Component outline

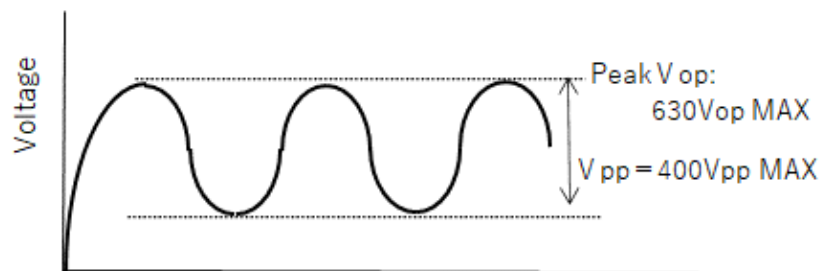


#### Voltage derating



Temperature : Surface of capacitor

#### Voltage fluctuation



The continuously applied peak-peak voltage is 400V<sub>pp</sub> or less. Please use the voltage from zero to peak at 630V<sub>op</sub> or less. If the voltage fluctuation exceeds, please contact us.

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## Permissible current (Effective value) vs Frequency FPB2 630VDC

