# Mini Met Polyester Film Capacitor – JFE

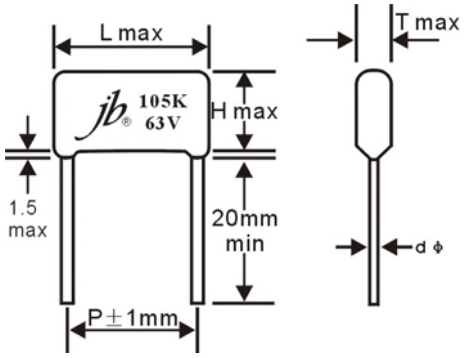
## FEATURES

- Miniature size, non-inductive, epoxy dip coated.
- The small size can be compared favourably with the stacked film capacitor.
- Epoxy resin powder coating provides the identical outer appearance.
- Low dissipation factor.
- Excellent self-healing property and reliability.

## SPECIFICATIONS

- Operation Temperature: -40℃~ +85℃
- Rated Voltage: 50/63V, 100V, 160V, 250V, 400V.DC
- Capacitance Range: 0.01 ~ 2.2μF
- Capacitance Tolerance: ±5%, ±10%, ±20%
- Insulation Resistance: C≤0.33μF, ≥18000MΩ ; C>0.1μF : ≤1.0% (20℃, 1KHz)
- Dissipation Factor: C≥0.1μF : ≤0.8% ; C>0.1μF : ≤1.0% (20℃, 1KHz)
- Consstruction: Metallized polyester film, epoxy resin coating

## DRAWING




## STANDARD SIZE

| VDC / Mfd | 50/63V L | 50/63V T | 50/63V H | 50/63V d | 50/63V P | 100V L | 100V T | 100V H | 100V d | 100V P |
|---|---|---|---|---|---|---|---|---|---|---|
| **0.01** | 10.2 | 4.5 | 8.0 | 0.6 | 7.5 | 10.5 | 4.5 | 8.0 | 0.6 | 7.5 |
| **0.012** | 10.2 | 4.5 | 8.0 | 0.6 | 7.5 | 10.5 | 4.5 | 8.0 | 0.6 | 7.5 |
| **0.015** | 10.2 | 4.5 | 8.0 | 0.6 | 7.5 | 10.5 | 4.5 | 8.0 | 0.6 | 7.5 |
| **0.018** | 10.2 | 4.5 | 8.0 | 0.6 | 7.5 | 10.5 | 4.5 | 8.0 | 0.6 | 7.5 |
| **0.022** | 10.2 | 4.5 | 8.0 | 0.6 | 7.5 | 10.5 | 4.5 | 8.5 | 0.6 | 7.5 |
| **0.027** | 10.2 | 4.5 | 8.0 | 0.6 | 7.5 | 10.5 | 4.5 | 8.0 | 0.6 | 7.5 |
| **0.033** | 10.2 | 4.5 | 8.0 | 0.6 | 7.5 | 10.5 | 4.5 | 8.0 | 0.6 | 7.5 |
| **0.039** | 10.2 | 4.5 | 8.0 | 0.6 | 7.5 | 10.5 | 4.5 | 8.0 | 0.6 | 7.5 |
| **0.047** | 10.2 | 4.5 | 8.0 | 0.6 | 7.5 | 10.5 | 4.5 | 8.0 | 0.6 | 7.5 |
| **0.056** | 10.2 | 4.5 | 8.0 | 0.6 | 7.5 | 10.5 | 4.5 | 8.0 | 0.6 | 7.5 |
| **0.068** | 7.3 | 4.5 | 8.0 | 0.6 | 5 | 7.3 | 4.5 | 8.0 | 0.6 | 5 |
| | 10.2 | 4.5 | 8.0 | 0.6 | 7.5 | 10.5 | 4.5 | 8.0 | 0.6 | 7.5 |
| **0.082** | 7.3 | 4.5 | 8.0 | 0.6 | 5 | 7.3 | 4.5 | 8.0 | 0.6 | 5 |
| | 10.2 | 4.5 | 8.0 | 0.6 | 7.5 | 10.5 | 4.5 | 8.0 | 0.6 | 7.5 |
| **0.1** | 7.8 | 5.5 | 9.5 | 0.6 | 5 | 7.3 | 4.5 | 9.5 | 0.6 | 5 |
| | 10.2 | 4.5 | 8.0 | 0.6 | 7.5 | 10.5 | 4.5 | 8.0 | 0.6 | 7.5 |
| **0.12** | 7.3 | 4.5 | 9.5 | 0.6 | 5 | 7.3 | 4.5 | 9.5 | 0.6 | 5 |
| | 10.2 | 4.5 | 8.0 | 0.6 | 7.5 | 10.5 | 4.5 | 8.0 | 0.6 | 7.5 |
| | 13.0 | 4.5 | 9.0 | 0.6 | 10 | 13.0 | 4.5 | 9.0 | 0.6 | 10 |
| **0.15** | 8.0 | 5.0 | 10.0 | 0.6 | 5 | 8.0 | 5.0 | 10.0 | 0.6 | 5 |
| | 10.2 | 4.5 | 9.0 | 0.6 | 7.5 | 10.5 | 4.5 | 9.0 | 0.6 | 7.5 |
| | 13.0 | 4.5 | 9.0 | 0.6 | 10 | 13.0 | 4.5 | 9.0 | 0.6 | 10 |
| **0.18** | 8.0 | 5.0 | 10.0 | 0.6 | 5 | 8.0 | 5.0 | 10.5 | 0.6 | 5 |
| | 10.2 | 4.5 | 9.0 | 0.6 | 7.5 | 10.5 | 4.5 | 9.0 | 0.6 | 7.5 |
| | 13.0 | 4.5 | 9.0 | 0.6 | 10 | 13.0 | 4.5 | 9.0 | 0.6 | 10 |
| **0.22** | 8.0 | 5.0 | 10.0 | 0.6 | 5 | 8.0 | 5.5 | 11.0 | 0.6 | 5 |
| | 10.2 | 5.0 | 9.5 | 0.6 | 7.5 | 10.5 | 5.0 | 9.5 | 0.6 | 7.5 |
| | 13.0 | 5.0 | 9.5 | 0.6 | 10 | 13.0 | 5.0 | 9.5 | 0.6 | 10 |
| **0.27** | 8.0 | 5.0 | 10.0 | 0.6 | 5 | 8.0 | 6.0 | 11.5 | 0.6 | 5 |
| | 10.2 | 5.5 | 9.5 | 0.6 | 7.5 | 11.0 | 5.5 | 10.0 | 0.6 | 7.5 |
| | 13.0 | 5.0 | 9.5 | 0.6 | 10 | 13.0 | 5.0 | 9.5 | 0.6 | 10 |
| **0.33** | 8.0 | 5.0 | 10.0 | 0.6 | 5 | 8.0 | 6.5 | 12.0 | 0.6 | 5 |
| | 10.2 | 5.5 | 9.5 | 0.6 | 7.5 | 11.0 | 5.5 | 11.5 | 0.6 | 7.5 |
| | 13.0 | 5.0 | 10.0 | 0.6 | 10 | 13.0 | 5.0 | 10.0 | 0.6 | 10 |
| **0.39** | 13.0 | 5.0 | 10.0 | 0.6 | 10 | 13.0 | 5.5 | 10.5 | 0.8 | 10 |
| **0.47** | 13.0 | 5.0 | 10.0 | 0.6 | 10 | 13.0 | 6.0 | 11.0 | 0.8 | 10 |
| **0.56** | 13.0 | 5.0 | 10.0 | 0.6 | 10 | 13.0 | 6.5 | 11.5 | 0.8 | 10 |
| **0.68** | 13.0 | 5.0 | 10.0 | 0.6 | 10 | 13.0 | 7.0 | 12.0 | 0.8 | 10 |
| **0.82** | 13.0 | 5.0 | 10.5 | 0.6 | 10 | 13.0 | 7.5 | 12.5 | 0.8 | |
| **1.0** | 13.0 | 5.5 | 10.5 | 0.8 | 10 | 13.0 | 11.0 | 19.0 | 0.8 | 10 |
| | 18.0 | 5.5 | 12.0 | 0.8 | 15 | | | | | |
| **1.2** | 18.0 | 5.5 | 12.0 | 0.8 | 15 | 18.0 | 8.0 | 12.5 | 0.8 | 15 |
| **1.5** | 18.0 | 5.5 | 12.0 | 0.8 | 15 | 18.0 | 8.5 | 19.0 | 0.8 | 15 |
| **1.8** | 18.0 | 6.0 | 12.5 | 0.8 | 15 | 18.0 | 8.0 | 13.5 | 0.8 | 15 |
| **2.2** | 18.0 | 6.5 | 12.5 | 0.8 | 15 | 18.0 | 8.0 | 14.5 | 0.8 | 15 |

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## ■ STANDARD SIZE

| VDC | 160V | | | | | 250V | | | | | 400V | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Mfd | L | T | H | d | P | L | T | H | d | P | L | T | H | d | P |
| **0.01** | 10.5 | 4.5 | 8.0 | 0.6 | 7.5 | 10.2 | 4.5 | 8.0 | 0.6 | 7.5 | 10.2 | 4.5 | 8.0 | 0.6 | 7.5 |
| **0.012** | 10.5 | 4.5 | 8.0 | 0.6 | 7.5 | 10.2 | 4.5 | 8.0 | 0.6 | 7.5 | 10.2 | 4.5 | 8.0 | 0.6 | 7.5 |
| **0.015** | 10.5 | 4.5 | 8.0 | 0.6 | 7.5 | 10.2 | 4.5 | 8.0 | 0.6 | 7.5 | 10.2 | 4.5 | 8.0 | 0.6 | 7.5 |
| **0.018** | 10.5 | 4.5 | 8.0 | 0.6 | 7.5 | 10.2 | 4.5 | 8.0 | 0.6 | 7.5 | 11.0 | 5.0 | 9.0 | 0.6 | 7.5 |
| **0.022** | 10.5 | 4.5 | 8.0 | 0.6 | 7.5 | 10.2 | 4.5 | 8.0 | 0.6 | 7.5 | 11.0 | 5.5 | 10.0 | 0.6 | 7.5 |
| **0.027** | 10.5 | 4.5 | 8.0 | 0.6 | 7.5 | 10.2 | 4.5 | 8.0 | 0.6 | 7.5 | 11.0 | 5.5 | 10.5 | 0.6 | 7.5 |
| **0.033** | 10.5 | 4.5 | 8.0 | 0.6 | 7.5 | 10.2 | 4.5 | 8.0 | 0.6 | 7.5 | 11.0 | 6.0 | 11.5 | 0.6 | 7.5 |
| **0.039** | 10.5 | 4.5 | 8.0 | 0.6 | 7.5 | 11.0 | 4.5 | 9.0 | 0.6 | 7.5 | 11.0 | 6.5 | 12.5 | 0.6 | 7.5 |
| **0.047** | 10.5 | 4.5 | 8.0 | 0.6 | 7.5 | 11.0 | 5.0 | 9.5 | 0.6 | 7.5 | 11.0 | 7.0 | 13.0 | 0.6 | 7.5 |
| **0.056** | 10.5 | 4.5 | 8.0 | 0.6 | 7.5 | 11.0 | 5.5 | 10.0 | 0.6 | 7.5 | 11.0 | 7.5 | 13.5 | 0.6 | 7.5 |
| **0.068** | 10.5 | 4.5 | 8.0 | 0.6 | 7.5 | 11.0 | 5.5 | 10.5 | 0.6 | 7.5 | 11.0 | 7.5 | 14.0 | 0.6 | 7.5 |
| **0.082** | 10.5 | 4.5 | 8.0 | 0.6 | 7.5 | 11.0 | 5.5 | 11.0 | 0.6 | 7.5 | 13.0 | 7.5 | 14.0 | 0.8 | 10 |
| **0.1** | 10.5 | 4.5 | 8.0 | 0.6 | 7.5 | 11.0 | 6.0 | 11.5 | 0.6 | 7.5 | 13.0 | 8.0 | 14.0 | 0.8 | 10 |
| **0.12** | 10.5 | 4.5 | 8.0 | 0.6 | 7.5 | 11.0 | 6.5 | 12.0 | 0.6 | 7.5 | 18.0 | 8.5 | 14.0 | 0.8 | 15 |
| **0.15** | 10.5 | 4.5 | 9.0 | 0.6 | 7.5 | 11.0 | 7.0 | 12.5 | 0.6 | 7.5 | 18.0 | 8.5 | 14.0 | 0.8 | 15 |
| **0.18** | 10.5 | 5.0 | 9.5 | 0.6 | 7.5 | 11.0 | 7.5 | 13.0 | 0.6 | 7.5 | 18.0 | 8.5 | 14.0 | 0.8 | 15 |
| **0.22** | 11.0 | 5.5 | 10.0 | 0.6 | 7.5 | 11.0 | 8.0 | 14.0 | 0.6 | 7.5 | 18.0 | 8.5 | 15.0 | 0.8 | 15 |
| **0.27** | 11.0 | 5.5 | 11.0 | 0.6 | 7.5 | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| **0.33** | 11.0 | 6.0 | 11.5 | 0.6 | 7.5 | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |

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