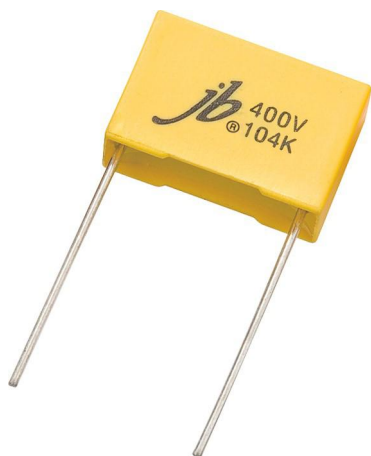


## Box Type Met Polypropylene Film Capacitor – JFM

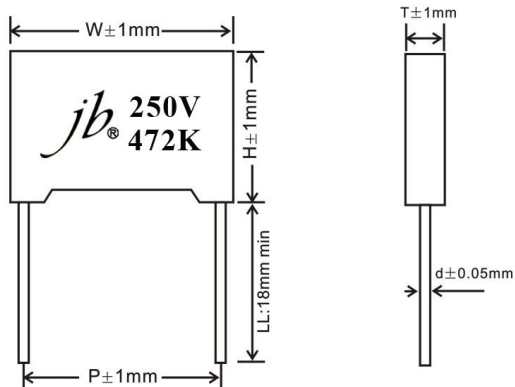


### FEATURES

- High reliability at high current stress.
- Self-healing properties.
- Flame retardant plastic case and epoxy resin.
- Low losses, high dv / dt capability.
- High moisture resistance.
- High stability of capacitance and long life.

### SPECIFICATIONS

|                       |  |
|-----------------------|--|
| Operating Temperature | -40°C ~ +85°C  |
| Rated Voltage         | 250V, 400V, 630V.DC                                      |
| Capacitance Range     | 0.0047 ~ 3.9 μF  |
| Capacitance Tolerance | ±5%, ±10%  |
| Insulation Resistance | C ≤ 0.33μf ; IR ≥ 50000MΩm<br>C > 0.33μF ; IR ≥ 15000MΩm |
| Dissipation Factor    | 0.1% max. at 1KHz, 20°C                                  |
| Dielectric Strength   | 160% of rated voltage for 60 sec.                        |



### STANDARD SIZE (mm)

| μF     | 250VDC |    |    |    |     | 400VDC |    |    |    |     | 630VDC |    |    |      |     |      |    |   |      |     |
|--------|--------|----|----|----|-----|--------|----|----|----|-----|--------|----|----|------|-----|------|----|---|------|-----|
|        | W      | H  | T  | P  | d   | W      | H  | T  | P  | d   | W      | H  | T  | P    | d   |      |    |   |      |     |
| 0.0047 | 13     | 9  | 4  | 10 | 0.6 | 13     | 9  | 4  | 10 | 0.6 | 13     | 9  | 4  | 10   | 0.6 |      |    |   |      |     |
| 0.0056 | 13     | 9  | 4  | 10 | 0.6 | 13     | 9  | 4  | 10 | 0.6 | 13     | 9  | 4  | 10   | 0.6 |      |    |   |      |     |
| 0.0068 | 13     | 9  | 4  | 10 | 0.6 | 13     | 9  | 4  | 10 | 0.6 | 13     | 9  | 4  | 10   | 0.6 |      |    |   |      |     |
| 0.0082 | 13     | 11 | 5  | 10 | 0.6 | 13     | 11 | 5  | 10 | 0.6 | 13     | 11 | 5  | 10   | 0.6 |      |    |   |      |     |
| 0.01   | --     | -- | -- | -- | --  | --     | -- | -- | -- | --  | --     | -- | -- | --   | --  |      |    |   |      |     |
| 0.012  | --     | -- | -- | -- | --  | 13     | 9  | 4  | 10 | 0.6 | 13     | 11 | 5  | 10   | 0.6 |      |    |   |      |     |
| 0.015  | --     | -- | -- | -- | --  | 13     | 11 | 5  | 10 | 0.6 | 13     | 12 | 6  | 10   | 0.6 |      |    |   |      |     |
| 0.018  | --     | -- | -- | -- | --  | 13     | 11 | 5  | 10 | 0.6 | 13     | 12 | 6  | 10   | 0.6 |      |    |   |      |     |
| 0.022  | --     | -- | -- | -- | --  | 13     | 11 | 5  | 10 | 0.6 | --     | -- | -- | --   | --  |      |    |   |      |     |
| 0.027  | 13     | 11 | 5  | 10 | 0.6 | 13     | 11 | 5  | 10 | 0.6 | 13     | 12 | 6  | 10   | 0.6 |      |    |   |      |     |
| 0.033  | 13     | 11 | 5  | 10 | 0.6 | 13     | 11 | 5  | 10 | 0.6 | 18     | 11 | 5  | 15   | 0.6 |      |    |   |      |     |
|        |        |    |    |    |     | 18     | 11 | 5  | 15 |     |        |    |    |      |     |      |    |   |      |     |
| 0.039  | 13     | 11 | 5  | 10 | 0.6 | 13     | 11 | 5  | 10 | 0.6 | --     | -- | -- | --   | --  |      |    |   |      |     |
|        |        |    |    |    |     | 18     | 11 | 5  | 15 |     |        |    |    |      |     |      |    |   |      |     |
| 0.047  | 13     | 11 | 5  | 10 | 0.6 | 13     | 11 | 5  | 10 | 0.6 | 18     | 11 | 5  | 15   | 0.6 |      |    |   |      |     |
|        |        |    |    |    |     | 18     | 11 | 5  | 15 |     |        |    |    |      |     |      |    |   |      |     |
| 0.056  | 13     | 11 | 5  | 10 | 0.6 | 18     | 11 | 5  | 15 | 0.6 | 18     | 11 | 5  | 15   | 0.6 |      |    |   |      |     |
|        |        |    |    |    |     | 18     | 11 | 5  | 15 |     |        |    |    |      |     |      |    |   |      |     |
| 0.068  | 13     | 11 | 5  | 10 | 0.6 | 18     | 11 | 5  | 15 | 0.6 | 26.5   | 15 | 6  | 22.5 | 0.8 |      |    |   |      |     |
|        |        |    |    |    |     | 18     | 11 | 5  | 15 |     |        |    |    |      |     |      |    |   |      |     |
| 0.082  | 13     | 12 | 6  | 10 | 0.6 | 18     | 11 | 5  | 15 | 0.6 | 18     | 12 | 6  | 15   | 0.8 |      |    |   |      |     |
|        |        |    |    |    |     |        |    |    |    |     | 18     | 11 | 5  | 15   | 0.6 | 26.5 | 15 | 6 | 22.5 | 0.8 |
|        |        |    |    |    |     |        |    |    |    |     | 26.5   | 15 | 6  | 22.5 | 0.6 | 26.5 | 15 | 6 | 22.5 | 0.8 |

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## Box Type Met Polypropylene Film Capacitor – JFM

| STANDARD SIZE (mm) |        |      |      |      |       |        |      |      |      |       |        |      |      |      |       |
|--------------------|--------|------|------|------|-------|--------|------|------|------|-------|--------|------|------|------|-------|
| μF                 | 250VDC |      |      |      |       | 400VDC |      |      |      |       | 630VDC |      |      |      |       |
|                    | W      | H    | T    | P    | d     | W      | H    | T    | P    | d     | W      | H    | T    | P    | d     |
|                    | ±1.0   | ±1.0 | ±1.0 | ±1.0 | ±0.05 | ±1.0   | ±1.0 | ±1.0 | ±1.0 | ±0.05 | ±1.0   | ±1.0 | ±1.0 | ±1.0 | ±0.05 |
| 0.1                | 13     | 12   | 6    | 10   | 0.6   | 18     | 11   | 5    | 15   | 0.6   | 18     | 12   | 6    | 15   | 0.8   |
|                    | 18     | 11   | 5    | 15   | 0.6   |        |      |      |      |       | 26.5   | 15   | 6    | 22.5 | 0.8   |
| 0.12               | 18     | 12   | 6    | 15   | 0.8   | 18     | 12   | 6    | 15   | 0.8   | 18     | 13.5 | 8    | 15   | 0.8   |
|                    |        |      |      |      |       |        |      |      |      |       | 26.5   | 16   | 7    | 22.5 | 0.8   |
| 0.15               | 18     | 12   | 6    | 15   | 0.8   | 18     | 12   | 6    | 15   | 0.8   | 18     | 13.5 | 7.5  | 15   | 0.8   |
|                    |        |      |      |      |       |        |      |      |      |       | 26.5   | 17   | 8.5  | 22.5 | 0.8   |
| 0.18               | 18     | 12   | 6    | 15   | 0.8   | 18     | 12   | 6    | 15   | 0.8   | 18     | 14.5 | 8.5  | 15   | 0.8   |
|                    |        |      |      |      |       | 26.5   | 15   | 6    | 22.5 | 0.8   | 26.5   | 17   | 8.5  | 22.5 | 0.8   |
|                    |        |      |      |      |       | --     | --   | --   | --   | --    | 32     | 18   | 9    | 27.5 | 0.8   |
| 0.22               | 18     | 13.5 | 7.5  | 15   | 0.8   | 18     | 13.5 | 8    | 15   | 0.8   | 18     | 16   | 10   | 15   | 0.8   |
|                    | 26.5   | 15   | 6    | 22.5 | 0.8   | 26.5   | 15   | 6    | 22.5 | 0.8   | 26.5   | 19   | 10   | 22.5 | 0.8   |
|                    | --     | --   | --   | --   | --    | --     | --   | --   | --   | --    | 32     | 18   | 9    | 27.5 | 0.8   |
| 0.27               | 18     | 13.5 | 7.5  | 15   | 0.8   | 18     | 13.5 | 8    | 15   | 0.8   | 18     | 16   | 10   | 15   | 0.8   |
|                    | 26.5   | 15   | 6    | 22.5 | 0.8   | 26.5   | 15   | 6    | 22.5 | 0.8   | 26.5   | 22   | 12   | 22.5 | 0.8   |
|                    | --     | --   | --   | --   | --    | --     | --   | --   | --   | --    | 32     | 18   | 9    | 27.5 | 0.8   |
| 0.33               | 18     | 14.5 | 9    | 15   | 0.8   | 26.5   | 15   | 6    | 22.5 | 0.8   | 26.5   | 22   | 12   | 22.5 | 0.8   |
|                    | 26.5   | 15   | 6    | 22.5 | 0.8   |        |      |      |      |       | 32     | 20   | 11   | 27.5 | 0.8   |
| 0.39               | 18     | 16   | 10   | 15   | 0.8   | 26.5   | 17   | 7    | 22.5 | 0.8   | 26.5   | 22   | 12   | 22.5 | 0.8   |
|                    | 26.5   | 16   | 7    | 22.5 | 0.8   | 32     | 18   | 9    | 27.5 | 0.8   | 32     | 20   | 11   | 27.5 | 0.8   |
| 0.47               | 18     | 14.5 | 8.5  | 15   | 0.8   | 26.5   | 17   | 7    | 22.5 | 0.8   | 26.5   | 19   | 10   | 22.5 | 0.8   |
|                    | 26.5   | 16   | 7    | 22.5 | 0.8   | 32     | 18   | 9    | 27.5 | 0.8   | 32     | 22   | 13   | 27.5 | 0.8   |
| 0.56               | 26.5   | 17   | 8.5  | 22.5 | 0.8   | 26.5   | 17   | 8.5  | 22.5 | 0.8   | 32     | 22   | 13   | 27.5 | 0.8   |
|                    |        |      |      |      |       | 32     | 20   | 11   | 27.5 | 0.8   |        |      |      |      |       |
| 0.68               | 26.5   | 19   | 10   | 22.5 | 0.8   | 26.5   | 19   | 10   | 22.5 | 0.8   | 32     | 24.5 | 15   | 27.5 | 0.8   |
|                    |        |      |      |      |       | 32     | 20   | 11   | 27.5 | 0.8   |        |      |      |      |       |
| 0.82               | 26.5   | 19   | 10   | 22.5 | 0.8   | 26.5   | 19   | 10   | 22.5 | 0.8   | --     | --   | --   | --   | --    |
|                    | 32     | 18   | 9    | 27.5 | 0.8   | 32     | 22   | 13   | 27.5 | 0.8   | --     | --   | --   | --   | --    |
| 1.0                | 26.5   | 22   | 12   | 22.5 | 0.8   | 26.5   | 22   | 12   | 22.5 | 0.8   | --     | --   | --   | --   | --    |
|                    | 32     | 20   | 11   | 27.5 | 0.8   | 32     | 24.5 | 15   | 27.5 | 0.8   | --     | --   | --   | --   | --    |
| 1.2                | 32     | 20   | 11   | 27.5 | 0.8   | 32     | 24.5 | 15   | 27.5 | 0.8   | --     | --   | --   | --   | --    |
| 1.5                | 32     | 22   | 13   | 27.5 | 0.8   | 32     | 22   | 13   | 27.5 | 0.8   | --     | --   | --   | --   | --    |
| 1.8                | 32     | 22   | 13   | 27.5 | 0.8   | 32     | 33   | 18   | 27.5 | 0.8   | --     | --   | --   | --   | --    |
| 2.2                | 32     | 22   | 13   | 27.5 | 0.8   | --     | --   | --   | --   | --    | --     | --   | --   | --   | --    |
| 2.7                | 32     | 22   | 13   | 27.5 | 0.8   | --     | --   | --   | --   | --    | --     | --   | --   | --   | --    |
| 3.3                | 32     | 24.5 | 15   | 27.5 | 0.8   | --     | --   | --   | --   | --    | --     | --   | --   | --   | --    |
| 3.9                | 32     | 25.5 | 16   | 27.5 | 0.8   | --     | --   | --   | --   | --    | --     | --   | --   | --   | --    |

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