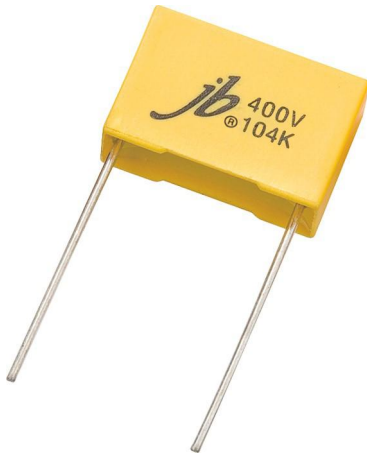


Box Type Met Polypropylene Film Capacitor – JFM

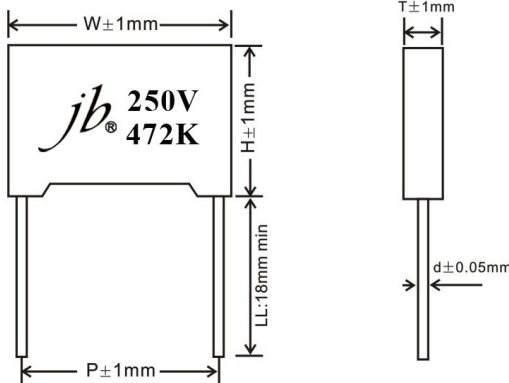


FEATURES

- 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 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 | 0.8 | | | | | | |
| | | | | | | 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 | 0.8 | | | | | | |
| | | | | | | 18 | 11 | 5 | 15 | 0.8 | | | | | | | | | | | |
| 0.056 | 13 | 11 | 5 | 10 | 0.6 | 18 | 11 | 5 | 15 | 0.8 | 18 | 11 | 5 | 15 | 0.8 | | | | | | |
| | | | | | | | | | | | | | | | | 18 | 11 | 5 | 15 | 0.8 | |
| 0.068 | 13 | 11 | 5 | 10 | 0.6 | 18 | 11 | 5 | 15 | 0.8 | 18 | 11 | 5 | 15 | 0.8 | | | | | | |
| | | | | | | | | | | | 26.5 | 15 | 6 | 22.5 | 0.8 | | | | | | |
| 0.082 | 13 | 12 | 6 | 10 | 0.6 | 18 | 11 | 5 | 15 | 0.8 | 18 | 12 | 6 | 15 | 0.8 | | | | | | |
| | 18 | 11 | 5 | 15 | 0.8 | | | | | | 26.5 | 15 | 6 | 22.5 | 0.8 | | | | | | |
| | 26.5 | 15 | 6 | 22.5 | 0.8 | | | | | | 26.5 | 15 | 6 | 22.5 | 0.8 | | | | | | |
| | -- | -- | -- | -- | -- | | | | | | -- | -- | -- | -- | -- | -- | 32 | 18 | 9 | 27.5 | 0.8 |
| | 32 | 18 | 9 | 27.5 | 0.8 | | | | | | 32 | 22 | 13 | 27.5 | 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 | 0.8 | 18 | 12 | 6 | 15 | 0.8 |
| | 18 | 11 | 5 | 15 | 0.8 | | | | | | 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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