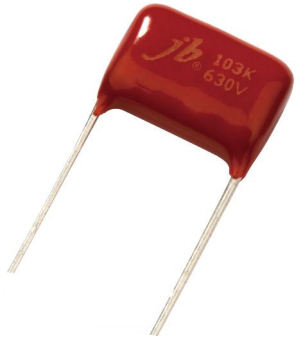
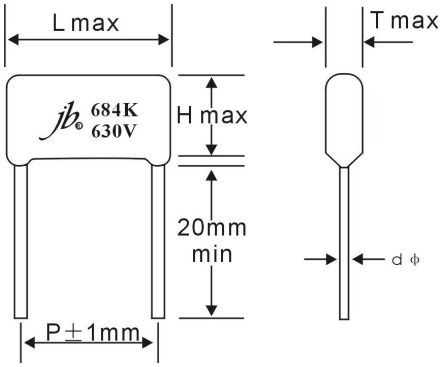
# Met Polypropylene Film Capacitor – JFL




## FEATURES

- Non-inductive, epoxy dip coated, high moisture resistance.
- Dissipation factor is normally low and it is stable against high frequency and change of temperature.
- Recommended for high-frequency circuits like s-curve compensating circuit.
- High reliability because of its excellent Self-Healing performance.




## SPECIFICATIONS

| | |
|---|---|
| Operating Temperature | -40℃ ~ +85℃ |
| Rated Voltage(V.DC) | 100V(2A), 250V(2E), 400V(2G), 630V(2J). |
| Capacitance Range | 0.01 ~ 10.0μF |
| Capacitance Tolerance | ±5%, ±10%, ±20% |
| Insulation Resistance | $U_R$>100V C≤0.33μF IR≥25000MΩ |
| | C>0.33μF IR≥7500s |
| | $U_R$<100V C≤0.33μF IR≥12500MΩ |
| | C>0.33μF IR≥3750s. |
| Dissipation Factor | ≤0.002 (at 1KHz) (typical 0.001 max) |

## STANDARD SIZE (mm)

| VDC Mfd | 100 VDC (2A) | | | | | 250 VDC (2E) | | | | |
|---|---|---|---|---|---|---|---|---|---|---|
| | L | T | H | d | P | L | T | H | d | P |
| 0.01 | 13 | 7 | 10 | 0.6 | 10 | 13 | 7 | 11 | 0.6 | 10 |
| 0.012~0.015 | 13 | 6 | 10 | 0.6 | 10 | 13 | 6 | 10 | 0.6 | 10 |
| | 10.5 | 5.5 | 7.5 | 0.6 | 7.5 | | | | | |
| 0.022~0.027 | 13 | 8 | 12 | 0.6 | 10 | 13 | 8 | 12 | 0.6 | 10 |
| | 10.5 | 6 | 10 | 0.6 | 7.5 | 18 | 7 | 10 | 0.8 | 15 |
| 0.033 | 13 | 7 | 11 | 0.6 | 10 | 13 | 7 | 11 | 0.6 | 10 |
| | 10.5 | 6.5 | 9.5 | 0.6 | 7.5 | | | | | |
| 0.039~0.047 | 13 | 6.5 | 10 | 0.6 | 10 | 13 | 6.5 | 10 | 0.6 | 10 |
| 0.056 | 10.5 | 7 | 10 | 0.6 | 7.5 | 13 | 7 | 10 | 0.6 | 10 |
| 0.068 | 13 | 6.5 | 10 | 0.6 | 10 | 13 | 6.5 | 10 | 0.6 | 10 |
| 0.1 | 13 | 7 | 11 | 0.6 | 10 | 13 | 7 | 11 | 0.6 | 10 |
| 0.15 | 13 | 8 | 12 | 0.6 | 10 | 13 | 8 | 12 | 0.6 | 10 |
| 0.22 | 13 | 8 | 12 | 0.6 | 10 | 13 | 9.5 | 13.5 | 0.6 | 10 |
| | 18 | 7.5 | 12 | 0.8 | 15 | 18 | 7.5 | 12 | 0.8 | 15 |
| 0.33 | 18 | 8.5 | 13 | 0.8 | 15 | 18 | 8.5 | 13 | 0.8 | 15 |
| 0.47 | 18 | 9.5 | 14 | 0.8 | 15 | 18 | 9.5 | 14 | 0.8 | 15 |
| | | | | | | 23 | 7.5 | 14 | 0.8 | 20 |
| 0.68 | 23 | 9 | 16 | 0.8 | 20 | 23 | 9 | 16 | 0.8 | 20 |
| 1.0 | 23 | 10.5 | 16.5 | 0.8 | 20 | 23 | 10.5 | 16.5 | 0.8 | 20 |
| | | | | | | 25 | 10 | 17 | 0.8 | 22.5 |
| 1.2 | 23 | 12 | 18 | 0.8 | 20 | 23 | 12 | 18 | 0.8 | 20 |
| | | | | | | 25 | 11 | 18 | 0.8 | 22.5 |
| 1.5 | 31 | 10 | 19 | 0.8 | 27.5 | 25 | 12.5 | 18.5 | 0.8 | 22.5 |
| | | | | | | 31 | 10 | 19 | 0.8 | 27.5 |
| 2.2 | 31 | 12 | 21 | 0.8 | 27.5 | 31 | 12 | 21 | 0.8 | 27.5 |
| 3.3 | 31 | 15 | 24 | 0.8 | 27.5 | 31 | 15 | 24 | 0.8 | 27.5 |

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# Met Polypropylene Film Capacitor – JFL

## STANDARD SIZE (mm)

| VDC Mfd | 400 VDC (2G) | | | | | 630 VDC (2J) | | | | |
|---|---|---|---|---|---|---|---|---|---|---|
| | L | T | H | d | P | L | T | H | d | P |
| 0.01 | 13 | 7 | 10 | 0.6 | 10 | 13 | 7 | 10 | 0.6 | 10 |
| 0.012~0.015 | 13 | 6 | 10 | 0.6 | 10 | 13 | 6 | 10 | 0.6 | 10 |
| 0.018~0.022 | 13 | 8 | 12 | 0.6 | 10 | 13 | 8 | 12 | 0.6 | 10 |
| | | | | | | 18 | 6 | 10 | 0.8 | 15 |
| 0.033~0.036 | 13 | 7 | 11 | 0.6 | 10 | 13 | 7 | 11 | 0.6 | 10 |
| | 18 | 7 | 11 | 0.6 | 15 | 18 | 7 | 11 | 0.6 | 15 |
| 0.039 | 13 | 7 | 11 | 0.6 | 10 | | | | | |
| 0.047 | 13 | 6.5 | 10 | 0.6 | 10 | 13 | 6.5 | 12 | 0.6 | 10 |
| | 18 | 6.5 | 10 | 0.6 | 15 | 18 | 6 | 10 | 0.8 | 15 |
| 0.068 | 13 | 7 | 10 | 0.6 | 10 | 13 | 8 | 12.5 | 0.6 | 10 |
| | 18 | 6 | 11 | 0.6 | 15 | 18 | 7 | 11 | 0.8 | 15 |
| 0.1 | 13 | 7 | 11 | 0.6 | 10 | 18 | 9.5 | 15 | 0.8 | 15 |
| | 18 | 8 | 12 | 0.8 | 15 | | | | | |
| 0.15 | 18 | 8 | 12 | 0.8 | 15 | 18 | 9 | 14 | 0.8 | 15 |
| 0.22 | 18 | 9 | 13.5 | 0.8 | 15 | 18 | 10 | 15 | 0.8 | 15 |
| 0.33~0.39 | 18 | 10.5 | 15 | 0.8 | 15 | 25 | 10 | 16 | 0.8 | 22.5 |
| | 23 | 9 | 14 | 0.8 | 20 | | | | | |
| 0.47 | 23 | 10 | 15 | 0.8 | 20 | 23 | 12 | 19 | 0.8 | 20 |
| | 25 | 9.5 | 15 | 0.8 | 22.5 | 25 | 11 | 18 | 0.8 | 22.5 |
| 0.56 | 23 | 10.5 | 16 | 0.8 | 20 | 31 | 11 | 18 | 0.8 | 27.5 |
| | 18 | 12.5 | 17.5 | 0.6 | 15 | 25 | 12.5 | 19 | 0.8 | 22.5 |
| 0.68 | 25 | 10 | 17 | 0.8 | 22.5 | 25 | 12.5 | 19.5 | 0.8 | 22.5 |
| | | | | | | 31 | 11 | 18.5 | 0.8 | 27.5 |
| 0.82 | 25 | 11 | 18 | 0.8 | 22.5 | | | | | |
| 1.0 | 25 | 11 | 20 | 0.8 | 22.5 | 31 | 13 | 22 | 0.8 | 27.5 |
| | 31 | 10 | 18 | 0.8 | 27.5 | 25 | 15.5 | 24 | 0.8 | 22.5 |
| 1.5 | 31 | 12 | 20 | 0.8 | 27.5 | 31 | 16.5 | 25 | 0.8 | 27.5 |
| 2 | 31 | 14.5 | 22.5 | 0.8 | 27.5 | | | | | |
| 2.2 | 31 | 15 | 23 | 0.8 | 27.5 | | | | | |
| 3.3 | 31 | 18 | 26.5 | 0.8 | 27.5 | | | | | |

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