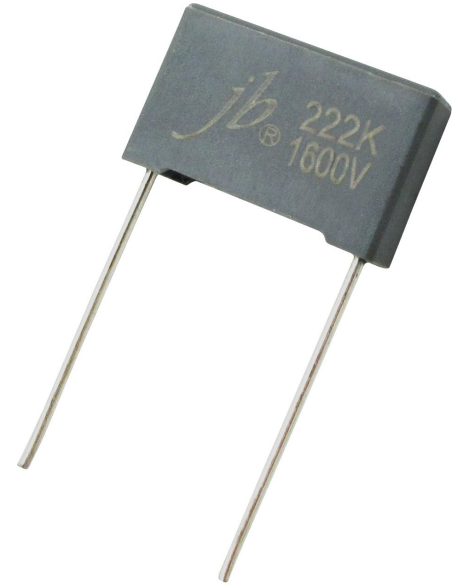


High Voltage Box Type Met Polypropylene Film Capacitor – JFQ

FEATURES

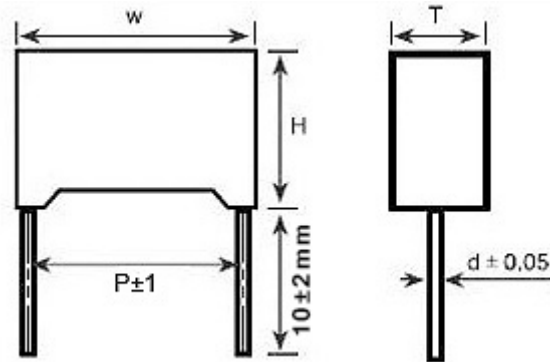
- Metallized structure, widely used in high voltage, high frequency and pulse circuit
- Low loss and small inherent temperature rise
- Negative temperature coefficient of capacitance
- Excellent active and passive flame resistant abilities

SPECIFICATIONS



| | | |
|-----------------------------|--|--------------------|
| Reference Standard | GB14579 (IEC 60384-17) | |
| Climatic Category | 40/105/56 | |
| Rated Temperature | 85°C for V_R (DC); 75°C for V_R (AC) | |
| Operating Temperature Range | -40°C~105°C(+85°C to +105°C decreasing factor 1.25% per °C for V_R DC) | |
| Rated Voltage | 1000V, 1400/1600V, 2000V | |
| Capacitance Range | 0.00022 μ F ~ 3.9 μ F | |
| Capacitance Tolerance | \pm 2%(G), \pm 3%(E), \pm 5%(J), \pm 10%(K), \pm 20%(M) | |
| Voltage Proof | 1.6UR(5s) | |
| Dissipation Factor | \leq 0.001, (20°C, 1kHz) | |
| Insulation Resistance | \geq 50 000M Ω , CR \leq 0.33 μ F | (20°C, 100V, 1min) |
| | \geq 15 000s, CR >0.33 μ F | |

OUTLINE DRAWING



DIMENSIONS (mm)

| | | |
|------------------------------|--------------------------------------|-----|
| Lead Pitch: P | \leq 10 | >10 |
| Lead Wire Dia.: d \pm 0.05 | 0.6 | 0.8 |
| Dimension Tolerance: W,H,T | W+0.5/-0.7, H \pm 0.5, T \pm 0.5 | |

High Voltage Box Type Met Polypropylene Film Capacitor – JFQ

| STANDARD SIZE (mm) | | | | | | | | | | | | |
|--------------------|----------------------------|----|------|-----|----------------------------|----|------|-----|------------------|------|------|-----|
| (μF) | 1000VDC / 1250VDC (600VAC) | | | | 1400VDC / 1600VDC (650VAC) | | | | 2000VDC (700VAC) | | | |
| | P | W | H | T | P | W | H | T | P | W | H | T |
| 0.00022 | 10 | 13 | 11 | 5 | 10 | 13 | 11 | 5 | 15 | 18 | 11 | 5 |
| 0.00027 | 10 | 13 | 11 | 5 | 10 | 13 | 11 | 5 | 15 | 18 | 11 | 5 |
| 0.00033 | 10 | 13 | 11 | 5 | 15 | 18 | 11 | 5 | 15 | 18 | 11 | 5 |
| | | | | | 10 | 13 | 11 | 5 | | | | |
| 0.00039 | 10 | 13 | 11 | 5 | 10 | 13 | 11 | 5 | 15 | 18 | 11 | 5 |
| 0.00047 | 10 | 13 | 11 | 5 | 10 | 13 | 11 | 5 | 15 | 18 | 11 | 5 |
| 0.00056 | 10 | 13 | 11 | 5 | 10 | 13 | 11 | 5 | 15 | 18 | 11 | 5 |
| 0.00068 | 10 | 13 | 11 | 5 | 10 | 13 | 11 | 5 | 15 | 18 | 11 | 5 |
| | | | | | 15 | 18 | 11 | 5 | | | | |
| 0.00075 | 10 | 13 | 11 | 5 | 10 | 13 | 11 | 5 | 15 | 18 | 11 | 5 |
| 0.00082 | 10 | 13 | 11 | 5 | 10 | 13 | 11 | 5 | 15 | 18 | 11 | 5 |
| | | | | | 15 | 18 | 11 | 5 | | | | |
| 0.001 | 15 | 18 | 11 | 5 | 15 | 18 | 11 | 5 | 15 | 18 | 11 | 5 |
| | 10 | 13 | 11 | 5 | 10 | 13 | 11 | 5 | 22.5 | 26.5 | 15 | 6 |
| 0.0012 | 15 | 18 | 12 | 6 | 15 | 18 | 12 | 6 | 15 | 18 | 12 | 6 |
| | 10 | 13 | 11 | 5 | 10 | 13 | 11 | 5 | | | | |
| 0.0015 | 15 | 18 | 12 | 6 | 15 | 18 | 12 | 6 | 15 | 18 | 12 | 6 |
| | 10 | 13 | 11 | 5 | 10 | 13 | 11 | 5 | | | | |
| 0.0018 | 15 | 18 | 11 | 5 | 15 | 18 | 11 | 5 | 15 | 18 | 12 | 6 |
| | 10 | 13 | 11 | 5 | 10 | 13 | 12 | 6 | | | | |
| 0.0022 | 15 | 18 | 12 | 6 | 15 | 18 | 12 | 6 | 15 | 18 | 12 | 6 |
| | 10 | 13 | 11 | 5 | 10 | 13 | 12 | 6 | | | | |
| 0.0027 | 15 | 18 | 13.5 | 7.5 | 15 | 18 | 13.5 | 7.5 | 15 | 18 | 14.5 | 8.4 |
| | 10 | 13 | 11 | 5 | 10 | 13 | 12 | 6 | | | | |
| 0.0033 | 15 | 18 | 13.5 | 7.5 | 15 | 18 | 13.5 | 7.5 | 15 | 18 | 14.5 | 8.4 |
| | 10 | 13 | 11 | 5 | 10 | 13 | 12 | 6 | | | | |
| 0.0039 | 10 | 13 | 11 | 5 | 15 | 18 | 14.5 | 8.5 | 15 | 18 | 14.5 | 8.5 |
| | 15 | 18 | 14.5 | 8.5 | | | | | 22.5 | 26.5 | 15 | 6 |
| 0.0047 | 10 | 13 | 11 | 5 | 15 | 18 | 14.5 | 8.5 | 15 | 18 | 15.5 | 9.5 |
| | 15 | 18 | 14.5 | 8.5 | | | | | 22.5 | 26.5 | 15 | 6 |
| 0.0056 | 10 | 13 | 11 | 5 | 15 | 18 | 14.5 | 8.5 | 15 | 18 | 14.5 | 8.5 |
| | | | | | | | | | 22.5 | 26.5 | 15 | 6 |
| 0.0068 | 10 (1250V) | 13 | 12 | 6 | 15 | 18 | 14.5 | 8.5 | 15 | 18 | 15.5 | 9.5 |
| | 10 (1000V) | 13 | 11 | 5 | | | | | 22.5 | 26.5 | 15 | 6 |
| | 15 | 18 | 14.5 | 8.5 | | | | | | | | |
| 0.0082 | 15 | 18 | 13.5 | 7.5 | 15 | 18 | 14.5 | 8.5 | 15 | 18 | 16 | 10 |
| | | | | | | | | | 22.5 | 26.5 | 15 | 6 |

High Voltage Box Type Met Polypropylene Film Capacitor – JFQ

| STANDARD SIZE (mm) | | | | | | | | | | | | |
|--------------------|----------------------------|------|------|------|----------------------------|------|------|------|------------------|------|------|------|
| (μF) | 1000VDC / 1250VDC (600VAC) | | | | 1400VDC / 1600VDC (650VAC) | | | | 2000VDC (700VAC) | | | |
| | P | W | H | T | P | W | H | T | P | W | H | T |
| 0.01 | 15 | 18 | 12 | 6 | 15 | 18 | 14.5 | 8.5 | 15 | 18 | 19 | 11 |
| | | | | | | | | | 22.5 | 26.5 | 16.5 | 7 |
| 0.012 | 15 | 18 | 12 | 6 | 15 | 18 | 14.5 | 8.5 | 22.5 | 26.5 | 16.5 | 7 |
| 0.015 | 15 | 18 | 12 | 6 | 22.5 | 26.5 | 16.5 | 7 | 22.5 | 26.5 | 17 | 8.5 |
| 0.018 | 15 | 18 | 13.5 | 7.5 | 22.5 | 26.5 | 17 | 8.5 | 22.5 | 26.5 | 17 | 8.5 |
| 0.022 | 15 | 18 | 13.5 | 7.5 | 15 | 18 | 19 | 11 | 22.5 | 26.5 | 19 | 10 |
| | | | | | 22.5 | 26.5 | 19 | 10 | 27.5 | 31.4 | 19.5 | 10.8 |
| 0.027 | 15 | 18 | 14.5 | 8.5 | 22.5 | 26 | 20 | 11 | 27.5 | 31.4 | 19.5 | 10.8 |
| | 22.5 | 26.5 | 15 | 6 | | | | | | | | |
| 0.033 | 15 | 18 | 14.5 | 8.5 | 22.5 | 26 | 21.5 | 12 | 22.5 | 26 | 21.5 | 12 |
| | 22.5 | 26.5 | 15 | 6 | | | | | | | | |
| 0.039 | 15 | 18 | 16 | 10 | 27.5 | 31.4 | 19.5 | 10.8 | 27.5 | 31.5 | 21.6 | 13 |
| | 22.5 | 26.5 | 16.5 | 7 | | | | | | | | |
| 0.047 | 15 | 18 | 19 | 10.8 | 27.5 | 31.4 | 19.5 | 10.8 | 27.5 | 31 | 25 | 14 |
| | 22.5 | 26.5 | 16.5 | 7 | | | | | | | | |
| 0.056 | 22.5 | 26.5 | 17 | 8.5 | 27.5 | 31.4 | 19.5 | 10.8 | -- | -- | -- | -- |
| 0.068 | 22.5 | 26.5 | 17 | 8.5 | 27.5 | 31.5 | 21.6 | 13 | -- | -- | -- | -- |
| 0.082 | 22.5 | 26.5 | 19 | 10 | 27.5 | 31.5 | 21.6 | 13 | -- | -- | -- | -- |
| 0.1 | 22.5 | 26.5 | 19 | 10 | 27.5 | 31.5 | 21.6 | 13 | -- | -- | -- | -- |
| | 27.5 | 31.4 | 19.5 | 10.8 | | | | | | | | |
| 0.12 | 27.5 | 31.4 | 19.5 | 10.8 | -- | -- | -- | -- | -- | -- | -- | -- |
| 0.15 | 27.5 | 31.4 | 19.5 | 10.8 | -- | -- | -- | -- | -- | -- | -- | -- |
| 0.18 | 27.5 | 31.5 | 21.6 | 13 | -- | -- | -- | -- | -- | -- | -- | -- |
| 0.22 | 27.5 | 31.5 | 21.6 | 13 | -- | -- | -- | -- | -- | -- | -- | -- |

Note: Specification are subject to change without notice. For more detail and update, please visit our website.