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| HBC | 盒式高压型金属化聚丙烯薄膜电容器 |
|  |
| **High Voltage Box Type Met Polypropylene Film Capacitor-CBB81B(PSB**) |

**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 Climatic Category

Rated Temperature

Operating Temperature Range

Rated Voltage

Capacitance Range

Capacitance Tolerance Voltage Proof

 Dissipation Factor

GB14579(IEC 60384-17)

40/105/56

85℃ for UR(DC); 75 ℃ for UR(AC)

-40 ℃~105 ℃(+85 ℃ to +105 ℃ decreasing

factor 1.25% per ℃ for VR DC)

1000V,1400/1600V,2000V

0.00022μF～0.22μF

±2%(G),±3%(E),±5%(J),±10%(K),

±20%(M)

1.6UR(5s)

≤0.001,(20℃,1kHz)

|  |  |
| --- | --- |
| ≥50000MΩ,CR≤0.01uF ≥15000s,CR>0.01uF | (20℃,100V,1min) |

Insulation Resistance

**OUTLINE** **DRAWING**



**DIMENSIONS(mm)**

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

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| **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 | 22.5 | 26.5 | 15 | 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 |

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| **STANDARD** **SIZE(mm)** |
| **(uF)** | **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 | 27.5 | 31.4 | 19.5 | 10.8 |
| **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.

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