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| HBC | 小型金属化聚酯薄膜电容器 |
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| **Mini** **Met** **Polyester** **Film** **Capacitor-** CL21x(MEX) |

**FEATURES**

►Miniature size, non-inductive, epoxy dip coated.

►The small size can be compared favorably with the stacked flm capacitor.

►Epoxy resin powder coating provides the identical outer appearance.

►Low dissipation factor.

►Excellent self-healing property and reliability.

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**SPECIFICATIONS**

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| Operating Temperature |
| Rated Voltage（V.DC) |
| Capacitance Range |
| Capacitance Tolerance |
| Insulation Resistance |
| Dissipation Factor |

-40℃~+85℃

50/63V,100V,250V,400V,630VDC.

0.001～ 3.3μF

±5%

C≤0.33μF≥3750MΩ;C>0.33μF≥1250S(20 ℃,1min)

≤1.0%(20 ℃,1KHz)

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| **STANDARD** **SIZE(mm)** |
| **VDC****Mfd** | **50/63V** | **100V** |
| L | T | H | d | P | L | T | H | d | P |
| **0.001~0.0056** | 8.2 | 5 | 8.2 | 0.5 | 5 | 8.2 | 5 | 8.2 | 0.5 | 5 |
| **0.0068** | 8.2 | 5 | 8.2 | 0.5 | 5 | 8.2 | 5 | 8.2 | 0.5 | 5 |
| **0.0082** | 8.2 | 5 | 8.2 | 0.5 | 5 | 8.2 | 5 | 8.2 | 0.5 | 5 |
| **0.01** | 8.2 | 5 | 8.2 | 0.5 | 5 | 8.2 | 5 | 8.2 | 0.5 | 5 |
| 11 | 5.5 | 9.5 | 0.5 | 7.5 | 11 | 5.5 | 9.5 | 0.5 | 7.5 |
| **0.012** | 8.2 | 5 | 8.2 | 0.5 | 5 | 8.2 | 5 | 8.2 | 0.5 | 5 |
| 11 | 5.5 | 9.5 | 0.5 | 7.5 | 11 | 5.5 | 9.5 | 0.5 | 7.5 |
| **0.015** | 8.2 | 5 | 8.2 | 0.5 | 5 | 8.2 | 5 | 8.2 | 0.5 | 5 |
| 11 | 5.5 | 9.5 | 0.5 | 7.5 | 11 | 5.5 | 9.5 | 0.5 | 7.5 |
| **0.018** | 8.2 | 5 | 8.2 | 0.5 | 5 | 8.2 | 5 | 8.2 | 0.5 | 5 |
| 11 | 5.5 | 9.5 | 0.5 | 7.5 | 11 | 5.5 | 9.5 | 0.5 | 7.5 |
| **0.022** | 8.2 | 5 | 8.2 | 0.5 | 5 | 8.2 | 5 | 8.2 | 0.5 | 5 |
| 11 | 5.5 | 9.5 | 0.5 | 7.5 | 11 | 5.5 | 9.5 | 0.5 | 7.5 |
| **0.027** | 8.2 | 5 | 8.2 | 0.5 | 5 | 8.2 | 5 | 8.2 | 0.5 | 5 |
| 11 | 5.5 | 9.5 | 0.5 | 7.5 | 11 | 5.5 | 9.5 | 0.5 | 7.5 |
| **0.033** | 8.2 | 5 | 8.2 | 0.5 | 5 | 8.2 | 5 | 8.2 | 0.5 | 5 |
| 11 | 5.5 | 9.5 | 0.5 | 7.5 | 11 | 5.5 | 9.5 | 0.5 | 7.5 |
| **0.039** | 8.2 | 5 | 8.2 | 0.5 | 5 | 8.2 | 5 | 8.2 | 0.5 | 5 |
| 11 | 5.5 | 9.5 | 0.5 | 7.5 | 11 | 5.5 | 9.5 | 0.5 | 7.5 |
| **0.047** | 8.2 | 5 | 8.2 | 0.5 | 5 | 8.2 | 5 | 8.2 | 0.5 | 5 |
| 11 | 5.5 | 9.5 | 0.5 | 7.5 | 11 | 5.5 | 9.5 | 0.5 | 7.5 |
| **0.056** | 8.2 | 5 | 8.2 | 0.5 | 5 | 8.2 | 5 | 8.2 | 0.5 | 5 |
| 11 | 5.5 | 9.5 | 0.5 | 7.5 | 11 | 5.5 | 9.5 | 0.5 | 7.5 |
| **0.068** | 8.2 | 5 | 8.2 | 0.5 | 5 | 8.2 | 5 | 8.2 | 0.5 | 5 |
| 11 | 5.5 | 9.5 | 0.5 | 7.5 | 11 | 5.5 | 9.5 | 0.5 | 7.5 |
| **0.082** | 8.2 | 5 | 8.2 | 0.5 | 5 | 8.2 | 5 | 8.2 | 0.5 | 5 |
| 11 | 5.5 | 9.5 | 0.5 | 7.5 | 11 | 5.5 | 9.5 | 0.5 | 7.5 |
| **0.1** |  8.2  |  5.5 | 8.2 |  0.5 |  5 |  8.2 | 5 |  8.2 |  0.5 | 5 |
|  11 |  5.5 | 9.5 | 0.5 | 7.5 | 11 | 5.5 | 9.5 | 0.5 |  7.5 |
| **0.12** | 8.2 | 5.5 | 8.5 | 0.5 | 5 | 8.2 | 5.5 | 8.5 | 0.5 | 5 |
| 11 | 5.5 | 9.5 | 0.5 | 7.5 | 11 | 5.5 | 9.5 | 0.5 | 7.5 |
| **0.15** | 8.2 | 5.5 | 8.5 | 0.5 | 5 | 8.2 | 5.5 | 8.5 | 0.5 | 5 |
| 11 | 5.5 | 9.5 | 0.5 | 7.5 | 11 | 5.5 | 9.5 | 0.5 | 7.5 |
| **0.18** | 8.2 | 5.5 | 8.5 | 0.5 | 5 | 8.2 | 5.5 | 8.5 | 0.5 | 5 |
| 11 | 5.5 | 9.5 | 0.5 | 7.5 | 11 | 5.5 | 9.5 | 0.5 | 7.5 |
| **0.22** | 8.2 | 5.5 | 8.5 | 0.5 | 5 | 8.2 | 5.5 | 8.5 | 0.5 | 5 |
| 11 | 5.5 | 9.5 | 0.5 | 7.5 | 11 | 5.5 | 9.5 | 0.5 | 7.5 |

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| HBC | 小型金属化聚酯薄膜电容器 |
|  |
| **Mini** **Met** **Polyester** **Film** **Capacitor-** CL21x(MEX) |

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| --- |
| **STANDARD SIZE (mm)**  |
| **VDC** | **50/63V** | **100V** |
| **Mfd** | **L** | **T** | **H** | **d** | **P** | **L** | **T** | **H** | **d** | **P** |
| **0.27** | 8.2 | 5.5 | 8.5 | 0.5 | 5 | 8.2 | 5.5 | 8.5 | 0.5 | 5 |
| 11 | 5.5 | 9.5 | 0.5 | 7.5 | 11 | 5.5 | 9.5 | 0.5 | 7.5 |
| **0.33** | 8.2 | 5.5 | 9.5 | 0.5 | 5 | 8.2 | 5.5 | 9.5 | 0.5 | 5 |
| 11 | 6 | 10 | 0.5 | 7.5 | 11 | 6 | 10 | 0.5 | 7.5 |
| **0.39** | 8.2 | 5.5 | 9.5 | 0.5 | 5 | 8.2 | 5.5 | 9.5 | 0.5 | 5 |
| **0.47** | 8.2 | 6 | 10 | 0.5 | 5 | 8.2 | 6 | 10 | 0.5 | 5 |
| 11 | 6 | 10 | 0.5 | 7.5 | 11 | 6 | 10 | 0.5 | 7.5 |
| **0.56** | 8.2 | 6 | 10 | 0.5 | 5 | 8.2 | 6 | 10 | 0.5 | 5 |
| **0.68** | 8.2 | 6 | 11 | 0.5 | 5 | 8.2 | 6 | 11 | 0.5 | 5 |
| 11 | 6 | 10 | 0.5 | 7.5 | 11 | 6 | 10 | 0.5 | 7.5 |
| **0.82** | 8.2 | 6.2 | 12.5 | 0.5 | 5 | 8.2 | 6.2 | 12.5 | 0.5 | 5 |
| **1** | 8.2 | 6.6 | 13 | 0.5 | 5 | 8.2 | 6.6 | 13 | 0.5 | 5 |
| 11 | 6 | 10.5 | 0.5 | 7.5 | 11 | 6 | 10.5 | 0.5 | 7.5 |
| **1.5** | 8.2 | 7.5 | 13.5 | 0.5 | 5 | 8.2 | 7.5 | 13.5 | 0.5 | 5 |
| 11 | 6.5 | 12 | 0.5 | 7.5 | 11 | 6.5 | 12 | 0.5 | 7.5 |
| **2.2** | 8.2 | 8 | 13.5 | 0.5 | 5 | 8.2 | 8 | 13.5 | 0.5 | 5 |
| 11 | 7.5 | 13 | 0.5 | 7.5 | 11 | 7.5 | 13 | 0.5 | 7.5 |
| **3.3** | 10.5 | 9 | 14.5 | 0.5 | 7.5 | 10.5 | 9 | 14.5 | 0.5 | 7.5 |
| 11 | 8.5 | 14.5 | 0.5 | 7.5 | 11 | 8.5 | 14.5 | 0.5 | 7.5 |
| **STANDARD SIZE (mm)** |
| **VDC** | **250V** | **400V** | **630V** |
| **Mfd** | **L** | **T** | **H** | **d** | **P** | **L** | **T** | **H** | **d** | **P** | **L** | **T** | **H** | **d** | **P** |
| **0.001~0.0056** | 8.2 | 5 | 8.2 | 0.5 | 5 | 8.2 | 5 | 8.2 | 0.5 | 5 | 8.2 | 5 | 8.2 | 0.5 | 5 |
| **0.0068** | 8.2 | 5 | 8.2 | 0.5 | 5 | 8.2 | 5 | 8.2 | 0.5 | 5 | 8.2 | 5 | 8.2 | 0.5 | 5 |
| **0.0082** | 8.2 | 5 | 8.2 | 0.5 | 5 | 8.2 | 5 | 8.2 | 0.5 | 5 | 8.2 | 5.5 | 8.5 | 0.5 | 5 |
| **0.01** | 8.2 | 5 | 8.2 | 0.5 | 5 | 8.2 | 5 | 8.2 | 0.5 | 5 | 8.2 | 5.8 | 9 | 0.5 | 5 |
| 11 | 5.5 | 9.5 | 0.5 | 7.5 | 11 | 5.5 | 9.5 | 0.5 | 7.5 | 11 | 5.5 | 9.5 | 0.5 | 7.5 |
| **0.012** | 8.2 | 5 | 8.2 | 0.5 | 5 | 8.2 | 5 | 8.2 | 0.5 | 5 | 8.2 | 6 | 9.5 | 0.5 | 5 |
| 11 | 5.5 | 9.5 | 0.5 | 7.5 | 11 | 5.5 | 9.5 | 0.5 | 7.5 | 11 | 5.5 | 9.5 | 0.5 | 7.5 |
| **0.015** | 8.2 | 5 | 8.2 | 0.5 | 5 | 8.2 | 5 | 8.2 | 0.5 | 5 | 8.2 | 6.2 | 9.8 | 0.5 | 5 |
| 11 | 5.5 | 9.5 | 0.5 | 7.5 | 11 | 5.5 | 9.5 | 0.5 | 7.5 | 11 | 5.5 | 9.5 | 0.5 | 7.5 |
| **0.018** | 8.2 | 5 | 8.2 | 0.5 | 5 | 8.2 | 5 | 8.2 | 0.5 | 5 | 8.2 | 6.3 | 10 | 0.5 | 5 |
| 11 | 5.5 | 9.5 | 0.5 | 7.5 | 11 | 5.5 | 9.5 | 0.5 | 7.5 | 11 | 5.5 | 9.5 | 0.5 | 7.5 |
| **0.022** | 8.2 | 5 | 8.2 | 0.5 | 5 | 8.2 | 5 | 8.2 | 0.5 | 5 | 8.2 | 6.5 | 10.3 | 0.5 | 5 |
| 11 | 5.5 | 9.5 | 0.5 | 7.5 | 11 | 5.5 | 9.5 | 0.5 | 7.5 | 11 | 5.5 | 9.5 | 0.5 | 7.5 |
| **0.027** | 8.2 | 5 | 8.2 | 0.5 | 5 | 8.2 | 5 | 8.2 | 0.5 | 5 | 8.2 | 6.6 | 10.5 | 0.5 | 5 |
| 11 | 5.5 | 9.5 | 0.5 | 7.5 | 11 | 5.5 | 9.5 | 0.5 | 7.5 | 11 | 5.5 | 9.5 | 0.5 | 7.5 |
| **0.033** | 8.2 | 5 | 8.2 | 0.5 | 5 | 8.2 | 5 | 8.2 | 0.5 | 5 | 8.2 | 6.8 | 10.8 | 0.5 | 5 |
| 11 | 5.5 | 9.5 | 0.5 | 7.5 | 11 | 5.5 | 9.5 | 0.5 | 7.5 | 11 | 5.5 | 9.5 | 0.5 | 7.5 |
| **0.039** | 8.2 | 5 | 8.2 | 0.5 | 5 | 8.2 | 5 | 8.2 | 0.5 | 5 |  |  |  |  |  |
| 11 | 5.5 | 9.5 | 0.5 | 7.5 | 11 | 5.5 | 9.5 | 0.5 | 7.5 | 11 | 5.5 | 9.5 | 0.5 | 7.5 |
| **0.047** | 8.2 | 5 | 8.2 | 0.5 | 5 | 8.2 | 5 | 8.2 | 0.5 | 5 |  |  |  |  |  |
| 11 | 5.5 | 9.5 | 0.5 | 7.5 | 11 | 5.5 | 9.5 | 0.5 | 7.5 | 11 | 5.5 | 9.5 | 0.5 | 7.5 |
| **0.056** | 8.2 | 5.5 | 8.5 | 0.5 | 5 | 8.2 | 5.5 | 9.5 | 0.5 | 5 |  |  |  |  |  |
| 11 | 5.5 | 9.5 | 0.5 | 7.5 | 11 | 5.5 | 9.5 | 0.5 | 7.5 | 11 | 5.5 | 9.5 | 0.5 | 7.5 |
| **0.068** | 8.2 | 5.5 | 8.5 | 0.5 | 5 | 8.2 | 6 | 10 | 0.5 | 5 |  |  |  |  |  |
| 11 | 5.5 | 9.5 | 0.5 | 7.5 | 11 | 5.5 | 9.5 | 0.5 | 7.5 | 11 | 5.5 | 9.5 | 0.5 | 7.5 |
| **0.082** | 8.2 | 5.5 | 9.5 | 0.5 | 5 | 8.2 | 6 | 10 | 0.5 | 5 |  |  |  |  |  |
| 11 | 5.5 | 9.5 | 0.5 | 7.5 | 11 | 5.5 | 9.5 | 0.5 | 7.5 | 11 | 5.5 | 9.5 | 0.5 | 7.5 |
| **0.1** | 8.2 | 5.5 | 9.5 | 0.5 | 5 | 8.2 | 6.5 | 11 | 0.5 | 5 |  |  |  |  |  |
| 11 | 5.5 | 9.5 | 0.5 | 7.5 | 11 | 5.5 | 9.5 | 0.5 | 7.5 | 11 | 5.5 | 9.5 | 0.5 | 7.5 |
| **0.12** | 8.2 | 6 | 10 | 0.5 | 5 | 8.2 | 6.5 | 11 | 0.5 | 5 |  |  |  |  |  |
| 11 | 5.5 | 9.5 | 0.5 | 7.5 | 11 | 5.5 | 9.5 | 0.5 | 7.5 | 11 | 5.5 | 9.5 | 0.5 | 7.5 |
| **0.15** | 8.2 | 6 | 10 | 0.5 | 5 | 8.2 | 7 | 12 | 0.5 | 5 |  |  |  |  |  |
| 11 | 5.5 | 9.5 | 0.5 | 7.5 | 11 | 5.5 | 9.5 | 0.5 | 7.5 | 11 | 5.5 | 9.5 | 0.5 | 7.5 |
| **0.18** | 8.2 | 6.5 | 11 | 0.5 | 5 | 8.2 | 7.5 | 12.5 | 0.5 | 5 |  |  |  |  |  |
| 11 | 5.5 | 9.5 | 0.5 | 7.5 | 11 | 5.5 | 9.5 | 0.5 | 7.5 | 11 | 5.5 | 9.5 | 0.5 | 7.5 |
| **0.22** | 8.2 | 6.5 | 11 | 0.5 | 5 | 8.2 | 8 | 13 | 0.5 | 5 |  |  |  |  |  |
| 11 | 5.5 | 9.5 | 0.5 | 7.5 | 11 | 5.5 | 9.5 | 0.5 | 7.5 | 11 | 5.5 | 9.5 | 0.5 | 7.5 |
| **0.27** | 8.2 | 7 | 12 | 0.5 | 5 |  |  |  |  |  |  |  |  |  |  |
| 11 | 5.5 | 9.5 | 0.5 | 7.5 | 11 | 5.5 | 9.5 | 0.5 | 7.5 |  |  |  |  |  |
| **0.33** | 8.2 | 8 | 13 | 0.5 | 5 |  |  |  |  |  |  |  |  |  |  |
| 11 | 7 | 12 | 0.5 | 7.5 | 11 | 9 | 14 | 0.5 | 7.5 |  |  |  |  |  |
| **0.39** | 8.2 | 8 | 13 | 0.5 | 5 |  |  |  |  |  |  |  |  |  |  |
| **0.47** | 11 | 8 | 13 | 0.5 | 7.5 |  |  |  |  |  |  |  |  |  |  |
| **0.68** | 11 | 8.5 | 14 | 0.5 | 7.5 |  |  |  |  |  |  |  |  |  |  |
| **1** | 11 | 10 | 15 | 0.5 | 7.5 |  |  |  |  |  |  |  |  |  |  |

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