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| --- | --- |
| HBC | 85℃/85% THB MKP X2 金属化聚丙烯薄膜抑制电源电磁干扰电容器 |
|  |
| Metallized Polypropylene Film Interference Suppression Capacitor - JFWT(85 ℃/ 85 % RH Class X2,Temperature Humidity Bias(THB)Series) |

 **FEATURES**

► Metallized polypropylene film, non-inductive wound construction.

► Good self-healing properties, withstanding surge voltage stressing

► High stability of capacitance under severe ambient condition, such as high temperature and high humidity.

► Excellent active and passive flame resistant abilities

► Provides interference suppression with VDE, ENEC and UL approvals.



**SPECIFICATIONS**

Operating Temperature Voltage Rating Capacitance Range Capacitance Tolerance

Package

Insulation Resistance

Dissipation Factor

Voltage Proof

**Temperature** **Humidity**

Test Conditions

Capacitance Change

Dissipation Factor

-40℃~+110℃

310VAC

0.0047~10.0μF

±10%(K) standard,

Bulk, Ammo Tape Package

CR≤0.33 μF,I.R≥15,000M2

CR>0.33 μF,I.R≥5,000S (20 ℃,100V,1min)

0.0047μF≤CR≤0.47μF≤0.1%(1KHz,20 ℃)

0.47μF≤CR≤1.0μF≤0.2%(1KHz,20 ℃)

1.0μF≤CR≤10μF≤0.3%(1KHz,20 ℃)

4.3UR DC /5s

**Bias(THB)HUMIDITY** **TEST**

Temperature:85 ℃±2 ℃; Humidity:85%±2%

Loading Voltage:240Vac(50Hz/60Hz)

Duration:1000 Hours

≤10% of initially measured value

≤2.5% at 1KHz

**APPLICATIONS**

Across-the-line EMI filtering and connection in series with the mains for high stability grade applications in severe ambient conditions

For capacitive divider power supply.Such as power meter, LED driver, and other sever ambient condition applications.





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**DRAWING:**



Voltage

Vdd

**Dimensions** **Table** **for** **310V** **AC:**

(Unit:mm)

|  |  |
| --- | --- |
|  | **Part#** **Bulk** **Package(Loose** **in** **Box)** |
| **CAP** | **L±1.0** | **T±1.0** | **H±1.0** | **P±1.0** | **d Ø±0.05** | **standard** **leads** **20mm(+/-1)** |
| **0.1** | 18 | 6 | 12 | 15 | 0.8 | JFWTA9104K150000B |
| **0.22** | 18 | 6 | 12 | 15 | 0.8 | JFWTA9224K150000B |
| **0.22** | 18 | 7.5 | 13.5 | 15 | 0.8 | JFWTA9224K150000B01 |
| **0.22** | 18 | 8.5 | 14.5 | 15 | 0.8 | JFWTA9224K150000B02 |
| **0.33** | 18 | 7.5 | 13.5 | 15 | 0.8 | JFWTA9334K150000B |
| **0.33** | 18 | 8.5 | 14.5 | 15 | 0.8 | JFWTA9334K150000B01 |
| **0.33** | 18 | 10 | 16 | 15 | 0.8 | JFWTA9334K150000B02 |
| **0.33** | 26.5 | 6 | 15 | 22.5 | 0.8 | JFWTA9334K225000B |
| **0.33** | 26.5 | 7 | 16.5 | 22.5 | 0.8 | JFWTA9334K225000B01 |
| **0.33** | 26.5 | 8.5 | 17 | 22.5 | 0.8 | JFWTA9334K225000B02 |
| **0.39** | 18 | 8.5 | 14.5 | 15 | 0.8 | JFWTA9394K150000B |
| **0.39** | 18 | 10 | 16 | 15 | 0.8 | JFWTA9394K150000B01 |
| **0.39** | 26.5 | 6 | 15 | 22.5 | 0.8 | JFWTA9394K225000B |
| **0.39** | 26.5 | 7 | 16.5 | 22.5 | 0.8 | JFWTA9394K225000B01 |
| **0.39** | 26.5 | 8.5 | 17 | 22.5 | 0.8 | JFWTA9394K225000B02 |
| **0.47** | 18 | 7.5 | 13.5 | 15 | 0.8 | JFWTA9474K150000B01 |
| **0.47** | 18 | 8.5 | 14.5 | 15 | 0.8 | JFWTA9474K150000B |
| **0.47** | 18 | 10 | 16 | 15 | 0.8 | JFWTA9474K150000B02 |
| **0.47** | 26.5 | 6 | 15 | 22.5 | 0.8 | JFWTA9474K225000B |
| **0.47** | 26.5 | 7 | 16.5 | 22.5 | 0.8 | JFWTA9474K225000B01 |
| **0.47** | 26.5 | 8.5 | 17 | 22.5 | 0.8 | JFWTA9474K225000B02 |
| **0.47** | 26.5 | 10 | 19 | 22.5 | 0.8 | JFWTA9474K225000B03 |

**\*Please** **contact** **us** **for** **special** **item** **or** **size** **not** **listed.**

Please visit our website to get more update data, those data & specification are subject to change without notice.

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