# X2 Metallized Polypropylene Film Capacitor – JFV

Interference Suppression Capacitors (Class X2, 275VAC)

## FEATURES

- Non-inductive, (UL940V-0) plastic case sealed with epoxy resin.
- Provides interference suppression with VDE, ENEC and UL approvals.
- Used in across-the-line, interference suppression circuit

## SPECIFICATIONS

| | |
|---|---|
| Operating Temperature | -40℃~ +110℃ |
| Voltage Rating | 275VAC |
| Maximum Continuous DC Voltage (at 110'C) | 388VDC for 275VAC ; |
| Capacitance Range | 0.001 ~ 2.2μF |
| Capacitance Tolerance | ±10% standard, |
| Package | Bulk, Ammo Tape Package |
| Insulation Resistance | $C_R$≤0.33 μF, I.R≥15,000MΩ<br>$C_R$>0.33 μF, I.R≥6,000S (MΩ/μF) |
| Dissipation Factor | tgδ≤0.0010 1KHz |
| Testing Voltage | 4.3$U_R$ DC /5s |
| Lead Length | Standard 20.0+/-1mm, long leads and cut leads on request |

## SAFETY APPROVALS:

| | LOGO MARK | COUNTRY | APPROVAL STANDARD | APPROVAL NO. | CLASS | CAP. RANGE | RATED VOLTAGE |
|---|---|---|---|---|---|---|---|
| VDE | | GERMANY | DIN EN 60384-14 (VDE 0565 Teil 1-1) | 40035534 | X2 | 0.001 to 2.2μF | 275/305/310V.AC |
| ENEC | | EUROPE | EN 60384-14; IEC 60384-14 | 40035534 | X2 | 0.001 to 2.2μF | 275/305/310V.AC |
| cUL, UL | | CANADA/U.S.A | UL/IEC 60384-14 | E344970 | X2 | 0.001 to 2.2μF | 250/275/305/310V.AC |

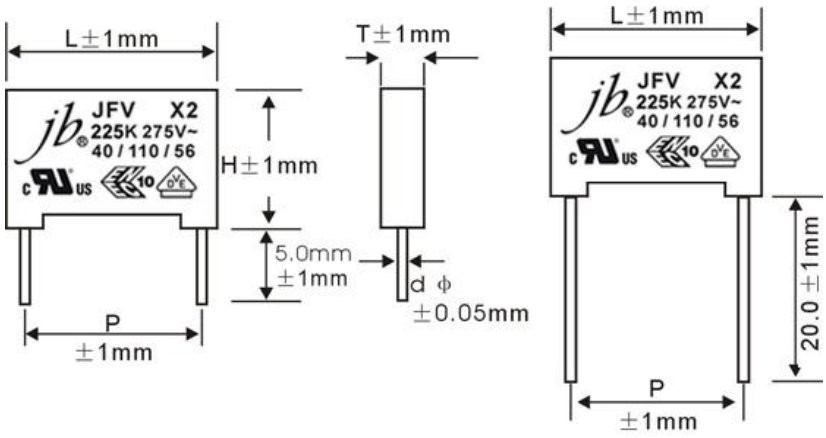
**ENEC mark has replaced all the following European National marks:**



# X2 Metallized Polypropylene Film Capacitor – JFV

Interference Suppression Capacitors (Class X2, 275VAC)

## DRAWING:




Standard Lead Length: 20.0mm±1mm

## Dimensions Table for 275V AC: (Unit : mm)

| A type | | | | | | |
|---|---|---|---|---|---|---|
| | | | | | | 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) |
| 0.001 | 13.0 | 5.0 | 11.0 | 10.0 | 0.6 | JFV0A1102K100000B |
| 0.0022 | 13.0 | 5.0 | 11.0 | 10.0 | 0.6 | JFV0A1222K100000B |
| 0.0027 | 13.0 | 5.0 | 11.0 | 10.0 | 0.6 | JFV0A1272K100000B |
| 0.0033 | 13.0 | 5.0 | 11.0 | 10.0 | 0.6 | JFV0A1332K100000B |
| 0.0039 | 13.0 | 5.0 | 11.0 | 10.0 | 0.6 | JFV0A1392K100000B |
| 0.0047 | 13.0 | 5.0 | 11.0 | 10.0 | 0.6 | JFV0A1472K100000B |
| 0.0056 | 13.0 | 5.0 | 11.0 | 10.0 | 0.6 | JFV0A1562K100000B |
| 0.0068 | 13.0 | 5.0 | 11.0 | 10.0 | 0.6 | JFV0A1682K100000B |
| 0.0082 | 13.0 | 5.0 | 11.0 | 10.0 | 0.6 | JFV0A1822K100000B |
| 0.01 | 13.0 | 5.0 | 11.0 | 10.0 | 0.6 | JFV0A1103K100000B |
| 0.012 | 13.0 | 5.0 | 11.0 | 10.0 | 0.6 | JFV0A1123K100000B |
| 0.015 | 13.0 | 5.0 | 11.0 | 10.0 | 0.6 | JFV0A1153K100000B |
| 0.018 | 13.0 | 5.0 | 11.0 | 10.0 | 0.6 | JFV0A1183K100000B |
| 0.022 | 13.0 | 5.0 | 11.0 | 10.0 | 0.6 | JFV0A1223K100000B |
| 0.022 | 18.0 | 5.0 | 11.0 | 15.0 | 0.8 | JFV0A1223K150000B |
| 0.027 | 13.0 | 5.0 | 11.0 | 10.0 | 0.6 | JFV0A1273K100000B |
| 0.033 | 13.0 | 5.0 | 11.0 | 10.0 | 0.6 | JFV0A1333K100000B |
| 0.039 | 13.0 | 5.0 | 11.0 | 10.0 | 0.6 | JFV0A1393K100000B |
| 0.047 | 18.0 | 5.0 | 11.0 | 15.0 | 0.8 | JFV0A1473K150000B |
| 0.056 | 18.0 | 5.0 | 11.0 | 15.0 | 0.8 | JFV0A1563K150000B |
| 0.068 | 18.0 | 5.0 | 11.0 | 15.0 | 0.8 | JFV0A1683K150000B |
| 0.082 | 18.0 | 6.0 | 12.0 | 15.0 | 0.8 | JFV0A1823K150000B |
| 0.1 | 18.0 | 6.0 | 12.0 | 15.0 | 0.8 | JFV0A1104K150000B |
| 0.12 | 18.0 | 7.5 | 13.5 | 15.0 | 0.8 | JFV0A1124K150000B |
| 0.15 | 18.0 | 7.5 | 13.5 | 15.0 | 0.8 | JFV0A1154K150000B |
| 0.15 | 26.5 | 7.0 | 16.5 | 22.5 | 0.8 | JFV0A1154K225000B |

*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.

jb® Capacitors Company
www.jbcapacitors.com
E-mail: info@jbcapacitors.com
www.jbcapacitors.hk
Tel : (852)2790 5091 Fax: (852)8169 8283

# X2 Metallized Polypropylene Film Capacitor – JFV

Interference Suppression Capacitors (Class X2, 275VAC)

Dimensions Table for 275V AC: (Unit : mm)

| A type | | | | | | |
|---|---|---|---|---|---|---|
| | | | | | | 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) |
| 0.18 | 26.5 | 7.0 | 16.5 | 22.5 | 0.8 | JFV0A1184K225000B |
| 0.22 | 26.5 | 7.0 | 16.5 | 22.5 | 0.8 | JFV0A1224K225000B |
| 0.27 | 26.5 | 7.0 | 16.5 | 22.5 | 0.8 | JFV0A1274K225000B |
| 0.33 | 26.5 | 7.0 | 16.5 | 22.5 | 0.8 | JFV0A1334K225000B |
| 0.47 | 26.5 | 10.0 | 19.0 | 22.5 | 0.8 | JFV0A1474K225000B |
| 0.47 | 31.5 | 10.8 | 19.5 | 27.5 | 0.8 | JFV0A1474K275000B |
| 0.56 | 31.5 | 10.8 | 19.5 | 27.5 | 0.8 | JFV0A1564K275000B |
| 0.68 | 31.5 | 10.8 | 19.5 | 27.5 | 0.8 | JFV0A1684K275000B |
| 0.82 | 31.5 | 10.8 | 19.5 | 27.5 | 0.8 | JFV0A1824K275000B |
| 1.0 | 31.5 | 13.0 | 22.0 | 27.5 | 0.8 | JFV0A1105K275000B |
| 1.5 | 31.5 | 13.0 | 22.0 | 27.5 | 0.8 | JFV0A1155K275000B |
| 2.2 | 31.5 | 13.0 | 22.0 | 27.5 | 0.8 | JFV0A1225K275000B |
| B type | | | | | | |
| 0.047 | 13.0 | 5.0 | 11.0 | 10.0 | 0.6 | JFV0A1473K100000B |
| 0.056 | 13.0 | 6.0 | 12.0 | 10.0 | 0.6 | JFV0A1563K100000B |
| 0.068 | 13.0 | 6.0 | 12.0 | 10.0 | 0.6 | JFV0A1683K100000B |
| 0.082 | 13.0 | 6.0 | 12.0 | 10.0 | 0.6 | JFV0A1823K100000B |
| 0.1 | 13.0 | 6.0 | 12.0 | 10.0 | 0.6 | JFV0A1104K100000B |
| 0.18 | 18.0 | 7.5 | 13.5 | 15.0 | 0.8 | JFV0A1184K150000B |
| 0.22 | 18.0 | 8.5 | 14.5 | 15.0 | 0.8 | JFV0A1224K150000B |
| 0.27 | 18.0 | 10 | 15.5 | 15.0 | 0.8 | JFV0A1227K150000B |
| 0.33 | 18 | 10 | 15.8 | 15.0 | 0.8 | JFV0A1334K150000B |
| 0.47 | 18.0 | 11.0 | 19.0 | 15.0 | 0.8 | JFV0A1474K150000B |
| 0.56 | 26.5 | 10.0 | 19.0 | 22.5 | 0.8 | JFV0A1564K225000B |
| 0.68 | 26.5 | 10.0 | 19.0 | 22.5 | 0.8 | JFV0A1684K225000B |
| 0.82 | 26.5 | 10.0 | 19.0 | 22.5 | 0.8 | JFV0A1824K225000B |
| 1.0 | 26.5 | 10.0 | 19.0 | 22.5 | 0.8 | JFV0A1105K225000B |

*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.