

jb® X2 Metallized Polypropylene Film Capacitor – JFV

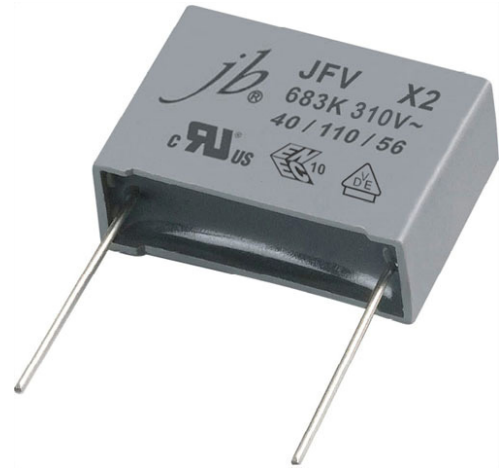
Interference Suppression Capacitors (Class X2, 275VAC / 305VAC / 310VAC)

■ FEATURES:

- Non-inductive, (UL940V-0) plastic case sealed with epoxy resin.
- Provides interference suppression with VDE, ENEC and UL approvals.

■ SPECIFICATIONS:

- Operating Temperature -40°C ~ +110°C
- Voltage Rating 250VAC, 275VAC, 305VAC, 310VAC
- Maximum Continuous DC Voltage (at 110°C) 560VDC for 275VAC ; 630VDC for 305VAC and 310VAC.
- Capacitance Range 0.001 ~ 2.2µF
- Capacitance Tolerance ±10% standard,
- Package Bulk, Ammo Tape Package
- Insulation Resistance $C_R \leq 0.33 \mu\text{F}$, I.R ≥ 15,000MΩ
 $C_R > 0.33 \mu\text{F}$, I.R ≥ 6,000S (MΩ/µF)
- Dissipation Factor $\text{tg}\delta \leq 0.0010$ 1KHz
- Testing Voltage 4.3U_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:

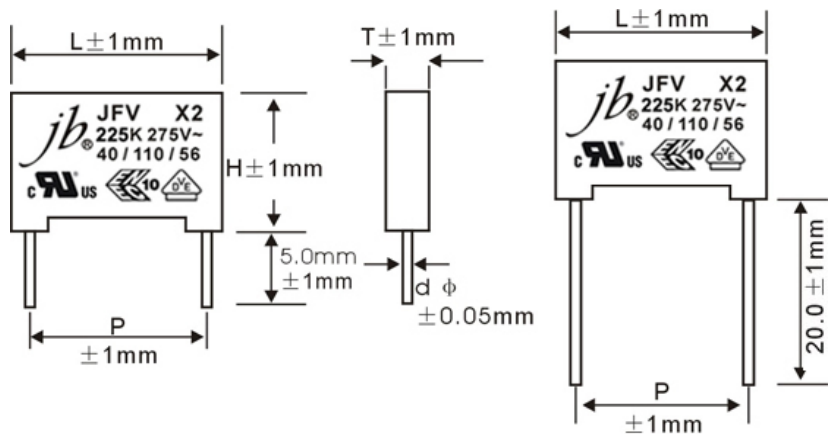




X2 Metallized Polypropylene Film Capacitor – JFV

Interference Suppression Capacitors (Class X2, 275VAC / 305VAC / 310VAC)

■ 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

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jb Capacitors Company

Web-site: www.jbcapacitors.com

E-mail: info@jbcapacitors.com

Tel : (852)2790 5091

Fax: (852)8169 8283



X2 Metallized Polypropylene Film Capacitor – JFV

Interference Suppression Capacitors (Class X2, 275VAC / 305VAC / 310VAC)

Dimensions Table for 275V AC:

(Unit : mm)

A type						
CAP	L±1.0	T±1.0	H±1.0	P±1.0	d Ø±0.05	Part# Bulk Package (Loose in Box) 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
0.33	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

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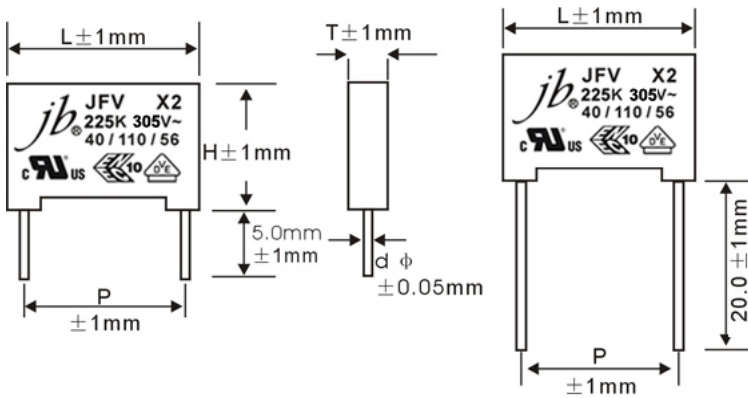
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X2 Metallized Polypropylene Film Capacitor – JFV

Interference Suppression Capacitors (Class X2, 275VAC / 305VAC / 310VAC)

■ **DRAWING:**



Standard Lead Length: 20.0mm±1mm

Dimensions Table for 305V 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)
0.0022	13.0	5.0	11.0	10.0	0.6	JFV0A8222K100000B
0.0027	13.0	5.0	11.0	10.0	0.6	JFV0A8272K100000B
0.0033	13.0	5.0	11.0	10.0	0.6	JFV0A8332K100000B
0.0039	13.0	5.0	11.0	10.0	0.6	JFV0A8392K100000B
0.0047	13.0	5.0	11.0	10.0	0.6	JFV0A8472K100000B
0.0056	13.0	5.0	11.0	10.0	0.6	JFV0A8562K100000B
0.0068	13.0	5.0	11.0	10.0	0.6	JFV0A8682K100000B
0.0082	13.0	5.0	11.0	10.0	0.6	JFV0A8822K100000B
0.01	13.0	5.0	11.0	10.0	0.6	JFV0A8103K100000B
0.012	13.0	5.0	11.0	10.0	0.6	JFV0A8123K100000B
0.015	13.0	5.0	11.0	10.0	0.6	JFV0A8153K100000B
0.018	13.0	5.0	11.0	10.0	0.6	JFV0A8183K100000B
0.022	13.0	5.0	11.0	10.0	0.6	JFV0A8223K100000B
0.022	18.0	5.0	11.0	15.0	0.8	JFV0A8223K150000B
0.027	13.0	5.0	11.0	10.0	0.6	JFV0A8273K100000B
0.033	13.0	5.0	11.0	10.0	0.6	JFV0A8333K100000B
0.039	13.0	5.0	11.0	10.0	0.6	JFV0A8393K100000B
0.047	18.0	5.0	11.0	15.0	0.8	JFV0A8473K150000B
0.056	18.0	5.0	11.0	15.0	0.8	JFV0A8563K150000B
0.068	18.0	5.0	11.0	15.0	0.8	JFV0A8683K150000B
0.082	18.0	6.0	12.0	15.0	0.8	JFV0A8823K150000B
0.1	18.0	6.0	12.0	15.0	0.8	JFV0A8104K150000B
0.12	18.0	7.5	13.5	15.0	0.8	JFV0A8124K150000B
0.15	18.0	7.5	13.5	15.0	0.8	JFV0A8154K150000B
0.15	26.5	7.0	16.5	22.5	0.8	JFV0A8154K225000B

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X2 Metallized Polypropylene Film Capacitor – JFV

Interference Suppression Capacitors (Class X2, 275VAC / 305VAC / 310VAC)

Dimensions Table for 305V 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	JFV0A8184K225000B
0.22	26.5	7.0	16.5	22.5	0.8	JFV0A8224K225000B
0.27	26.5	7.0	16.5	22.5	0.8	JFV0A8274K225000B
0.33	26.5	7.0	16.5	22.5	0.8	JFV0A8334K225000B
0.47	26.5	10.0	19.0	22.5	0.8	JFV0A8474K225000B
0.47	31.5	10.8	19.5	27.5	0.8	JFV0A8474K275000B
0.56	31.5	10.8	19.5	27.5	0.8	JFV0A8564K275000B
0.68	31.5	10.8	19.5	27.5	0.8	JFV0A8684K275000B
0.82	31.5	10.8	19.5	27.5	0.8	JFV0A8824K275000B
1.0	31.5	13.0	22.0	27.5	0.8	JFV0A8105K275000B
1.5	31.5	13.0	22.0	27.5	0.8	JFV0A8155K275000B
2.2	31.0	14.0	25.0	27.5	0.8	JFV0A8225K275000B
B type						
0.01	18.0	5.0	11.0	15.0	0.8	JFV0A8103K150000B
0.033	18.0	5.0	11.0	15.0	0.8	JFV0A8333K150000B
0.047	13.0	5.0	11.0	10.0	0.6	JFV0A8473K100000B
0.056	13.0	6.0	12.0	10.0	0.6	JFV0A8563K100000B
0.068	13.0	6.0	12.0	10.0	0.6	JFV0A8683K100000B
0.082	13.0	6.0	12.0	10.0	0.6	JFV0A8823K100000B
0.1	13.0	6.0	12.0	10.0	0.6	JFV0A8104K100000B
0.18	18.0	7.5	13.5	15.0	0.8	JFV0A8184K150000B
0.22	18.0	8.5	14.5	15.0	0.8	JFV0A8224K150000B
0.27	18.0	10.0	15.8	15.0	0.8	JFV0A8274K150000B
0.33	18.0	10.0	15.8	15.0	0.8	JFV0A8334K150000B
0.47	18.0	11.0	19.0	15.0	0.8	JFV0A8474K150000B
0.56	26.5	10.0	19.0	22.5	0.8	JFV0A8564K225000B
0.68	26.5	10.0	19.0	22.5	0.8	JFV0A8684K225000B
0.82	26.5	10.0	19.0	22.5	0.8	JFV0A8824K225000B
1.0	26.5	11.0	20.0	22.5	0.8	JFV0A8105K225000B
1.5	26.5	13.0	22.0	22.5	0.8	JFV0A8155K225000B

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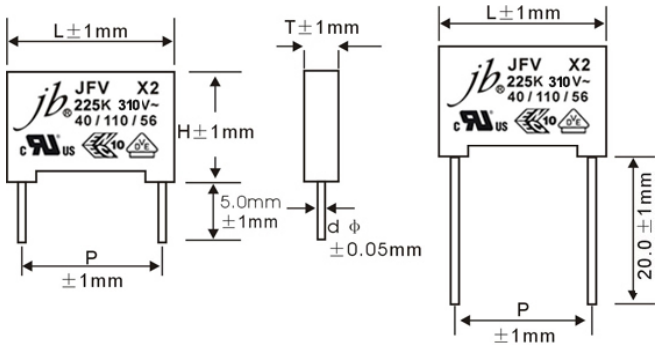
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X2 Metallized Polypropylene Film Capacitor – JFV

Interference Suppression Capacitors (Class X2, 275VAC / 305VAC / 310VAC)

■ **DRAWING:**



Standard Lead Length: 20.0mm±1mm

Dimensions Table for 310V 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)
0.0022	13.0	5.0	11.0	10.0	0.6	JFV0A9222K100000B
0.0027	13.0	5.0	11.0	10.0	0.6	JFV0A9272K100000B
0.0033	13.0	5.0	11.0	10.0	0.6	JFV0A9332K100000B
0.0039	13.0	5.0	11.0	10.0	0.6	JFV0A9392K100000B
0.0047	13.0	5.0	11.0	10.0	0.6	JFV0A9472K100000B
0.0056	13.0	5.0	11.0	10.0	0.6	JFV0A9562K100000B
0.0068	13.0	5.0	11.0	10.0	0.6	JFV0A9682K100000B
0.0082	13.0	5.0	11.0	10.0	0.6	JFV0A9822K100000B
0.01	13.0	5.0	11.0	10.0	0.6	JFV0A9103K100000B
0.012	13.0	5.0	11.0	10.0	0.6	JFV0A9123K100000B
0.015	13.0	5.0	11.0	10.0	0.6	JFV0A9153K100000B
0.018	13.0	5.0	11.0	10.0	0.6	JFV0A9183K100000B
0.022	13.0	5.0	11.0	10.0	0.6	JFV0A9223K100000B
0.022	18.0	5.0	11.0	15.0	0.6	JFV0A9223K150000B
0.027	13.0	5.0	11.0	10.0	0.6	JFV0A9273K100000B
0.033	13.0	5.0	11.0	10.0	0.6	JFV0A9333K100000B
0.039	13.0	5.0	11.0	10.0	0.6	JFV0A9393K100000B
0.047	18.0	5.0	11.0	15.0	0.8	JFV0A9473K150000B
0.056	18.0	5.0	11.0	15.0	0.8	JFV0A9563K150000B
0.068	18.0	5.0	11.0	15.0	0.8	JFV0A9683K150000B
0.082	18.0	6.0	12.0	15.0	0.8	JFV0A9823K150000B
0.1	18.0	6.0	12.0	15.0	0.8	JFV0A9104K150000B
0.12	18.0	7.5	13.5	15.0	0.8	JFV0A9124K150000B
0.15	18.0	7.5	13.5	15.0	0.8	JFV0A9154K150000B
0.15	26.5	7.0	16.5	22.5	0.8	JFV0A9154K225000B

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Interference Suppression Capacitors (Class X2, 275VAC / 305VAC / 310VAC)

Dimensions Table for 310V 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	JFV0A9184K225000B
0.22	26.5	7.0	16.5	22.5	0.8	JFV0A9224K225000B
0.27	26.5	7.0	16.5	22.5	0.8	JFV0A9274K225000B
0.33	26.5	7.0	16.5	22.5	0.8	JFV0A9334K225000B
0.47	26.5	10.0	19.0	22.5	0.8	JFV0A9474K225000B
0.47	31.5	10.8	19.5	27.5	0.8	JFV0A9474K275000B
0.56	31.5	10.8	19.5	27.5	0.8	JFV0A9564K275000B
0.68	31.5	10.8	19.5	27.5	0.8	JFV0A9684K275000B
0.82	31.5	10.8	19.5	27.5	0.8	JFV0A9824K275000B
1.0	31.5	13.0	22.0	27.5	0.8	JFV0A9105K275000B
1.5	31.5	13.0	22.0	27.5	0.8	JFV0A9155K275000B
2.2	31.0	14.0	25.0	27.5	0.8	JFV0A9225K275000B
B type						
0.01	18.0	5.0	11.0	15.0	0.8	JFV0A9103K150000B
0.033	18.0	5.0	11.0	15.0	0.8	JFV0A9333K150000B
0.047	13.0	5.0	11.0	10.0	0.6	JFV0A9473K100000B
0.056	13.0	6.0	12.0	10.0	0.6	JFV0A9563K100000B
0.068	13.0	6.0	12.0	10.0	0.6	JFV0A9683K100000B
0.082	13.0	6.0	12.0	10.0	0.6	JFV0A9823K100000B
0.1	13.0	6.0	12.0	10.0	0.6	JFV0A9104K100000B
0.18	18.0	7.5	13.5	15.0	0.8	JFV0A9184K150000B
0.22	18.0	8.5	14.5	15.0	0.8	JFV0A9224K150000B
0.27	18.0	10.0	15.8	15.0	0.8	JFV0A9274K150000B
0.33	18.0	10.0	15.8	15.0	0.8	JFV0A9334K150000B
0.47	18.0	11.0	19.0	15.0	0.8	JFV0A9474K150000B
0.56	26.5	10.0	19.0	22.5	0.8	JFV0A9564K225000B
0.68	26.5	10.0	19.0	22.5	0.8	JFV0A9684K225000B
0.82	26.5	10.0	19.0	22.5	0.8	JFV0A9824K225000B
1.0	26.5	11.0	20.0	22.5	0.8	JFV0A9105K225000B
1.5	26.5	13.0	22.0	22.5	0.8	JFV0A9155K225000B

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