

# Kingtronics®

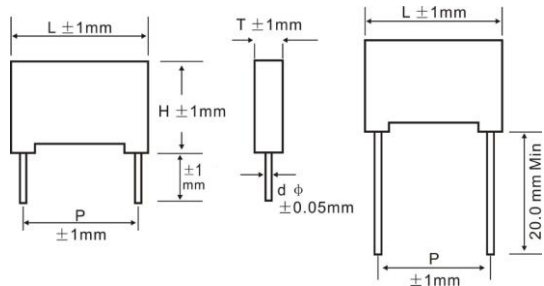
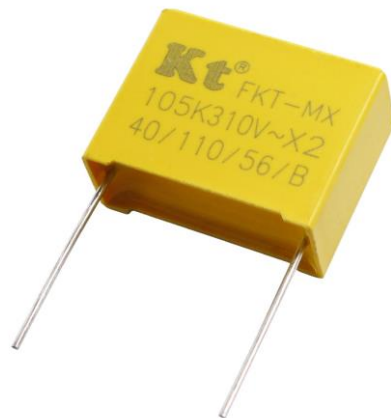
# FKT-MX

## Metallized Polypropylene Film Capacitor – X2

### FEATURES

- ◆ Used in across-the-line, interference suppression circuit

SPECIFICATIONS	
Voltage Rating	◆ 310 VAC
Capacitance Range	◆ 0.0047– 10uF
Capacitance Tolerance	◆ ±10% std.
Operating Temperature	◆ -40°C to +110°C
Voltage Proof	◆ 4.3U <sub>R</sub> DC /5s
Dissipation Factor	◆ 0.0010μF≤CR≤0.47μF ≤0.1% (1KHz,20°C) 0.47μF≤CR≤1.0μF ≤0.2% (1KHz,20°C) 1.0μF≤CR≤10μF≤0.3% (1KHz,20°C)
Insulation Resistance	◆ C <sub>R</sub> ≥0.33 μF, I.R≥15,000MΩ C <sub>R</sub> >0.33 μF, I.R≥5,000S (20°C · 100V,1min)



Standard Lead Length: 20mm min

### Dimensions Table for 310V AC:

(Unit: mm)

A type											
CAP	L±1.0	H±1.0	T±1.0	P±1.0	d Ø±0.05	CAP	L±1.0	H±1.0	T±1.0	P±1.0	d Ø±0.05
0.0047	13	9	4	10	0.6	0.27	26.5	16.5	7	22.5	0.8
0.0056	13	9	4	10	0.6	0.33	26.5	16.5	7	22.5	0.8
0.0068	13	9	4	10	0.6	0.39	26.5	17	8.5	22.5	0.8
0.0082	13	9	4	10	0.6	0.41	26.5	17	8.5	22.5	0.8
0.01	18	11	5	15	0.8	0.47	26.5	17	8.5	22.5	0.8
0.012	18	11	5	15	0.8	0.56	31.5	19.5	10.8	27.5	0.8
0.015	18	11	5	15	0.8	0.68	26.5	19	10	22.5	0.8
0.018	18	11	5	15	0.8	0.82	31.5	19.5	10.8	27.5	0.8
0.02	18	11	5	15	0.8	1	26.5	19	10	22.5	0.8
0.022	18	11	5	15	0.8	1.2	31.5	19.5	10.8	27.5	0.8
0.027	18	11	5	15	0.8	1.5	31.5	19.5	10.8	27.5	0.8
0.033	18	11	5	15	0.8	1.8	31.5	21.6	13	27.5	0.8
0.039	18	11	5	15	0.8	2.2	31.5	21.6	13	27.5	0.8
0.047	18	11	5	15	0.8	2.7	31	25	14	27.5	0.8
0.056	18	11	5	15	0.8	3.3	42	28	14	37.5	0.8
0.068	18	11	5	15	0.8	3.9	42	28	14	37.5	0.8
0.082	18	11	5	15	0.8	4.7	32	25.5	16	27.5	0.8
0.1	26.5	15	6	22.5	0.8	5.6	41	32	17	37.5	0.8
0.12	18	12	6	15	0.8	6.8	41	33.5	18.5	37.5	0.8
0.13	18	12	6	15	0.8	8.2	41	37	22	37.5	0.8
0.15	26.5	15	6	22.5	0.8	10	41	41	26	37.5	0.8
0.18	26.5	15	6	22.5	0.8						
0.2	26.5	15	6	22.5	0.8						
0.22	26.5	15	6	22.5	0.8						

B type											
CAP	L±1.0	H±1.0	T±1.0	P±1.0	d Ø±0.05	CAP	L±1.0	H±1.0	T±1.0	P±1.0	d Ø±0.05
0.01	13	11	5	10	0.6	0.18	18	13.5	7.5	15	0.8
0.012	13	11	5	10	0.6	0.2	18	14.5	8.5	15	0.8
0.015	13	11	5	10	0.6	0.22	13	12	6	10	0.6
0.018	13	11	5	10	0.6	0.27	18	14.5	8.5	15	0.8
0.02	13	11	5	10	0.6	0.33	18	14.5	8.5	15	0.8
0.022	13	11	5	10	0.6	0.39	18	14.5	8.5	15	0.8
0.027	13	11	5	10	0.6	0.47	18	15.5	9.5	15	0.8
0.033	13	11	5	10	0.6	0.56	18	16	10	15	0.8
0.039	13	11	5	10	0.6	0.68	18	19	11	15	0.8
0.047	13	11	5	10	0.6	0.82	18	19	11	15	0.8
0.056	13	12	6	10	0.6	1	26	21.5	12	22.5	0.8
0.068	13	12	6	10	0.6	1.2	26	21.5	12	22.5	0.8
0.082	13	12	6	10	0.6	1.5	26.5	19	10	22.5	0.8
0.1	13	12	6	10	0.6	1.8	26	21.5	12	22.5	0.8
0.12	13	13	7	10	0.6	2.2	31	25	14	27.5	0.8
0.14	18	12	6	15	0.8	2.7	32	28	18	27.5	0.8
0.15	13	12	6	10	0.6	3.3	32	28	18	27.5	0.8
0.18	18	12	6	15	0.8	4.7	32	37	22	27.5	0.8
0.2	13	13	7	10	0.6	--	--	--	--	--	--

Please contact us for special item or size not listed

Note: Specifications are subject to change without notice. For more detail and update, please visit our website

**Kingtronics® International Company**

**Kingtronics**®**FKT-MX**

Metallized Polypropylene Film Capacitor – X2

**HOW TO ORDER**

<b>FKT</b>	<b>MX</b>	<b>Q3</b>	<b>472</b>	<b>K</b>	<b>100</b>	<b>000</b>	<b>B</b>	<b>R</b>
Series	Sub Series	Voltage	Capacitance	Capacitance Tolerance	Pitch	Lead Length	Packing	Pb
		<u>1.</u>	<u>2.</u>	<u>3.</u>	<u>4.</u>	<u>5.</u>	<u>6.</u>	<u>7.</u>

**NOTE:****1. Voltage**

Code	1H	1J	2A	2C	2D	2E	2G	2J	3A	3C	3D	3F
Voltage	50V	63V	100V	160V	200V	250V	400V	630V	1000V	1600V	2000V	3000V
Code	E2	P2	Q1	Q2	Q3	G2						
Voltage	250 VAC	275 VAC	300 VAC	305 VAC	310 VAC	400 VAC						

**2. Capacitance**

Code	102	103	104	105	106	222	223	224	225
Capacitance	1000pF	0.01 $\mu$ F	0.1 $\mu$ F	1 $\mu$ F	10 $\mu$ F	2200pF	0.022 $\mu$ F	0.22 $\mu$ F	2.2 $\mu$ F
Code	332	333	334	472	473	474	682	683	684
Capacitance	3300pF	0.033 $\mu$ F	0.33 $\mu$ F	4700pF	0.047 $\mu$ F	0.47 $\mu$ F	6800pF	0.068 $\mu$ F	0.68 $\mu$ F

**3. Capacitance Tolerance**

Code	J	K	M
Tolerance	$\pm$ 5%	$\pm$ 10%	$\pm$ 20%

**4. Pitch**

Code	035	040	050	075	100	150	200	225	275
Pitch (mm)	3.5	4.0	5.0	7.5	10.0	15.0	20.0	22.5	27.5

**5. Lead Length**

Code	000	035	040	045	050
Lead Length	Standard	3.5	4.0	4.5	5.0

**6. Packing**

Code	A	B
Packing	Ammo	Bulk

**7. Pb**

Code	R
Pb	RoHS

Note: Specifications are subject to change without notice.

**Kingtronics**® International CompanyWebsite: [www.kingtronics.com](http://www.kingtronics.com) Email: [info@kingtronics.com](mailto:info@kingtronics.com) Tel: (852) 8106 7033 Fax: (852) 8106 7099