

Kingtronics®

FKT-MC

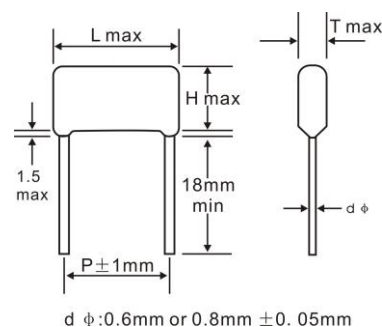
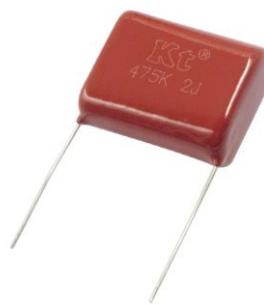
Metallized Polyester Film Capacitor

FEATURES

- ◆ High reliable with its Self-Healing performance.
- ◆ Coated with epoxy resin for superior heat resistance, humidity resistance and solvent resistance.
- ◆ Good reputation in use with filtering, DC blocking coupling and general communication equipment.

SPECIFICATIONS

Operating Temperature	◆	-40°C TO + 85°C
Rated Voltage	◆	DC 100V, 250V, 400V, 630V
Capacitance Range	◆	0.01 TO 6.8μF
Capacitance Tolerance	◆	±5%, ±10%, ±20%
Insulation Resistance	◆	UR≤100V C≤0.33μF ≥3750MΩ C>0.33μF ≥1250S
	◆	UR>100V C≤0.33μF ≥7500MΩ C>0.33μF ≥2500S (20°C 100VDC 60SEC) P.S: T[s]=I.R.[MΩ]*C _N [μF]
Dissipation Factor	◆	≤0.01 (AT 1KHZ)



d φ: 0.6mm or 0.8mm ± 0.05mm

VDC Mfd	100V (2A)				250V (2E)				400V (2G)				630V (2J)			
	L	T	H	P	L	T	H	P	L	T	H	P	L	T	H	P
0.01	14	5.5	10	10	14	4.8	9	10	14	4.8	9	10	14	4.8	9	10
0.015	14	5.7	10	10	14	6.5	10	10	14	6.5	10	10	14	5.7	9.6	10
0.018	14	5.9	10	10	14	6.5	10	10	14	6.5	10	10	14	5.9	10	10
0.022	14	6	10	10	14	6.5	10	10	14	6.5	10	10	14	6	10	10
0.027	14	6.3	10	10	14	6.5	10	10	14	6.5	10	10	14	6.3	9.5	10
0.033	14	6.8	10	10	14	6.8	10	10	14	6.8	10	10	14	6.8	10	10
0.039	14	6	10	10	14	6.5	10	10	14	6.5	10	10	14	6	10	10
0.047	14	6.5	10.5	10	14	6.5	10.5	10	14	6.5	10.5	10	14	6.5	10.5	10
0.056	14	5.8	10	10	14	5.8	9	10	14	5.8	9	10	14	5.8	11.5	15
0.068	14	6	10	10	14	6.5	10	10	14	6.5	10	10	14	6	11	15
0.082	14	6.5	10.4	10	14	6.5	10.4	10	14	6.5	10.4	10	14	6.5	11	15
0.1	14	7	10.8	10	14	7	10.8	10	14	7	10.8	10	14	7	11	15
0.15	14	7	11	10	14	7	11	10	14	8.5	13	10	18	8.5	14.5	15
0.18	14	7.6	11	10	14	7.6	11	10	19	7.5	11.5	15	18	8.5	14.5	15
0.22	14	7.2	11	10	14	8.5	12.5	10	19	8	12.5	15	24	9.5	14.5	20
0.27	14	8	11.5	10	18	6	9.9	15	24	7	12	20	26.5	8	13	22.5
0.33	14	8	11	10	14	8.5	14	10	18	8	13.5	15	24	9	15	20
0.39	14	8	12.1	10	18	7	11	15	19	9	14	15	24	10	16.5	20
0.47	14	7.5	11.5	15	18	7.8	12.5	15	24	7.5	12	22.5	25	8.5	15.5	27.5
0.5	14	7	11	15	18	8.5	13	15	19	8	13.5	22.5	24	9	16.5	27.5
0.56	14	9	13.5	10	19	9	13.5	15	19	10.5	17.5	15	24	12	19	20
0.68	14	7.5	13	10	19	8.5	15.5	20	24	8.5	15.5	20	25	11.5	18.5	22.5
0.82	14	7.5	13	10	19	9.5	15	15	25	8.5	14	22.5	--	--	--	--
1	18.5	7.5	12.5	15	--	--	--	--	18	11.5	16.5	15	24.5	15.5	20.5	20
1.2	--	--	--	--	--	--	--	--	24.5	9.5	16	20	25	11	18	22.5
1.5	19	9	14.5	15	18	10	15	15	32	8	15	27.5	--	--	--	--
1.8	19	9.5	14.5	15	19	10.5	15	15	24.5	10	17	20	32	11	20	27.5
2	--	--	--	--	--	--	--	--	26	10	17.5	22.5	--	--	--	--
2.2	--	--	--	--	--	--	--	--	24.5	11	18	20	32	12.5	21	27.5
2.5	--	--	--	--	--	--	--	--	26.5	10	17	22.5	--	--	--	--
2.7	--	--	--	--	--	--	--	--	32	9.5	16	27.5	--	--	--	--
2.9	18	10	14.5	15	19	11	16	15	32	10.5	17	27.5	--	--	--	--
3	24	8.5	13.5	20	24.5	9.5	14.8	20	24	12	19	20	32	13	22	27.5
3.3	18	10	15.5	15	24	10	15.5	20	32	10.5	17	27.5	--	--	--	--
4.5	24	8.5	14	20	25	10	15	22.5	19	13.5	19	15	32	14.5	24	27.5
	--	--	--	--	--	--	--	--	25	13	19.5	22.5	--	--	--	--
	--	--	--	--	--	--	--	--	32.5	11.5	18.5	27.5	--	--	--	--
	24	9	16	20	24.5	11	16	20	25	12.5	21.5	22.5	--	--	--	--
	--	--	--	--	--	--	--	--	32	11	19.5	27.5	--	--	--	--
	24	9.5	17.5	20	25	12	16.5	22.5	32	13	20.5	27.5	--	--	--	--
	--	--	--	--	31	10	17	27.5	--	--	--	--	--	--	--	--
	24	11.5	18.5	20	24	12	18	20	32	13	20.5	27.5	--	--	--	--
	--	--	--	--	25	12	18	22.5	--	--	--	--	--	--	--	--
	--	--	--	--	31	10	17.5	27.5	--	--	--	--	--	--	--	--
	24	11.5	18.5	20	31	11	18	27.5	32	13.5	22	27.5	--	--	--	--
	24	10.5	18.5	20	24	13	19.2	20	32	14	22	27.5	--	--	--	--
	24	11	19	20	31	11	19	27.5	--	--	--	--	--	--	--	--
	24	11.5	20	20	31	12	19	27.5	--	--	--	--	--	--	--	--
	24	11.5	20	20	31	12	20.5	27.5	--	--	--	--	--	--	--	--
	25.5	12	21	22.5	31	14	21.5	27.5	--	--	--	--	--	--	--	--
	31	11.5	20	27.5	--	--	--	--	--	--	--	--	--	--	--	--

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

Kingtronics® International Company

Kingtronics®**FKT-MC**

Metallized Polyester Film Capacitor

HOW TO ORDER

FKT	MC	2A	103	K	100	000	B	R
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 μ F	0.1 μ F	1 μ F	10 μ F	2200pF	0.022 μ F	0.22 μ F	2.2 μ F
Code	332	333	334	472	473	474	682	683	684
Capacitance	3300pF	0.033 μ F	0.33 μ F	4700pF	0.047 μ F	0.47 μ F	6800pF	0.068 μ F	0.68 μ 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

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