

# Kingtronics®

## FKT-MP

### Polyester (Mylar) Film Capacitor-Pei

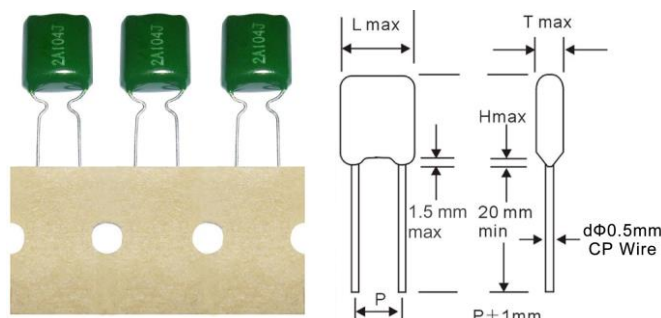
## FEATURES

- ◆ Good reputation in use with consumer & industrial electronics.
- ◆ Optimum for automatic insertion due to their small size and light weight.
- ◆ Coated with epoxy resin for superior heat resistance, humidity resistance and solvent resistance.



## SPECIFICATIONS

Operating Temperature	◆ -40°C TO + 85°C
Rated Voltage	◆ DC 100V,250V,400V,630V,1000V,1200V
Capacitance Range	◆ 0.001 TO 0.22μF
Capacitance Tolerance	◆ ±5%, ±10%, ±20%
Insulation Resistance	◆ 0.1μF ≤30,000 MΩ min, >0.1μF >15000 MΩ
Dissipation Factor	◆ ≤0.1 (AT 1KHZ)
Dielectric Strength	◆ 200% of rated voltage for 5sec.



## DIMENSIONS (mm)

VDC Mfd	100V				250V				400V				630V				1000V				1200V			
	L	H	T	P±1	L	H	T	P±1	L	H	T	P±1	L	H	T	P±1	L	H	T	P±1	L	H	T	P±1
0.001	6.0	11.0	5.0	3.5	6.0	11.0	5.0	3.5	6.0	11.0	5.0	3.5	7.0	12.0	5.0	4.0	8.5	13.0	4.5	5.0	8.5	13.0	4.5	5.0
0.0012	6.0	11.0	5.0	3.5	6.0	11.0	5.0	3.5	6.0	11.0	5.0	3.5	7.0	12.0	5.0	4.0	8.5	13.0	4.5	5.0	8.5	13.0	4.5	5.0
0.0015	6.5	11.0	4.5	3.5	6.5	11.0	4.5	3.5	6.5	11.0	5.0	3.5	7.0	12.0	5.0	4.0	8.5	13.5	5.0	5.0	8.5	13.5	5.0	5.0
0.0018	6.5	11.0	4.0	3.5	6.5	11.0	4.0	4.0	7.0	11.5	5.0	4.0	7.0	12.0	5.0	4.0	9.0	13.5	5.5	5.5	9.0	13.5	5.5	5.5
0.0022	6.5	11.0	4.0	3.5	6.5	11.0	4.0	4.0	7.0	12.0	4.5	4.0	7.0	12.0	5.0	4.0	8.5	13.5	5.0	5.5	8.5	13.5	5.0	5.5
0.0027	6.5	11.0	4.5	3.5	6.5	11.0	4.5	4.0	7.0	12.0	4.5	4.0	7.0	12.0	5.0	4.0	8.5	13.5	5	5.5	8.5	13.5	5.0	5.5
0.0033	6.5	11.0	4.0	4.0	6.5	11.0	4.0	4.0	7.5	12.5	5	4.5	7.5	12.5	5.0	4.5	10.0	14.0	5.5	6.0	10.0	14.0	5.5	6.0
0.0039	6.5	11.0	4.0	4.0	6.5	11.0	4.0	4.0	7.5	12.5	5.0	5.0	7.5	12.5	5.0	5.0	10.0	15.5	5.5	7.0	10.0	15.5	5.5	7.0
0.0047	7.0	11.0	4.5	4.0	7.0	11.0	4.5	4.0	8.0	12.5	5.0	5.0	8.0	12.5	5.0	5.0	10.5	16.0	6.5	7.0	10.5	16.0	6.5	7.0
0.0056	7.0	11.0	4.5	4.0	7.0	11.0	4.5	4.0	8.0	12.5	5.0	5.0	8.0	13.0	5.0	5.0	10.5	16.0	6.5	7.5	10.5	16.0	6.5	7.5
0.0068	7.0	11.0	4.5	4.0	7.0	11.0	4.5	4.0	8.0	13.0	5.0	5.0	8.0	13.0	5.0	5.0	11.0	16.0	6.5	7.5	11.0	16.0	6.5	7.5
0.0082	7.0	11.0	4.5	4.0	7.0	11.0	4.5	4.0	8.0	13.5	5.5	5	8.0	13.5	5.5	5.0	11.5	16.5	7.0	8.0	11.5	16.5	7.0	8.0
0.01	7.0	11.0	4.5	4.0	7.0	11.0	4.5	4.0	7.5	13.0	4.5	5.0	8.5	13.0	5.5	5.5	--	--	--	--	--	--	--	--
0.012	7.0	11.0	4.5	4.0	7.0	11.0	4.5	4.0	7.5	13.0	4.5	5.5	8.5	13.0	5.5	5.5	--	--	--	--	--	--	--	--
0.015	7.5	11.0	4.5	4.0	7.5	11.0	4.5	4.0	8.0	13.5	5.0	5.5	9.0	13.5	6.0	6.0	--	--	--	--	--	--	--	--
0.018	7.5	11.0	5.0	5.0	7.5	11.0	5.0	5.0	8.0	13.5	5.0	5.5	9.0	13.5	6.0	6.0	--	--	--	--	--	--	--	--
0.022	8.0	12.0	5.5	5.0	8.0	12.5	4.5	5.0	10.0	13.5	6.0	6.5	11.0	14.0	6.5	7.5	--	--	--	--	--	--	--	--
0.027	8.5	12.5	5.0	5.5	8.5	12.5	5.0	5.5	10.0	13.5	6.0	6.5	11.0	14.0	6.5	7.5	--	--	--	--	--	--	--	--
0.033	8.5	12.5	5.5	5.5	8.5	13.0	6.0	6.0	11.0	13.5	6.5	7.0	12.5	15.0	8.0	8.0	--	--	--	--	--	--	--	--
0.039	8.5	13.0	5.5	5.5	8.5	13.5	6.0	6.0	11.5	14.0	6.5	7.0	12.5	15.0	8.0	8.0	--	--	--	--	--	--	--	--
0.040	8.5	13	5.5	5.5	8.5	13.5	6.0	6.0	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
0.047	9.0	12.5	5.5	6.0	10.0	13.0	6.5	6.5	10.5	15.5	7.0	7.5	12.0	16.0	8.0	8.0	--	--	--	--	--	--	--	--
0.056	9.5	12.5	5.5	6.5	10.0	13.0	6.5	6.5	10.5	15.5	7.0	8.0	--	--	--	--	--	--	--	--	--	--	--	--
0.068	10.0	13.0	6.5	6.5	11.0	14.0	7.0	7.0	12.5	16.5	8.5	8.5	--	--	--	--	--	--	--	--	--	--	--	--
0.082	11.0	13.0	6.5	7.5	11.0	14.0	7.0	7.0	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
0.1	11.0	13.0	7.5	7.5	12.0	14.0	7.5	7.5	14.0	16.0	9.0	9.0	--	--	--	--	--	--	--	--	--	--	--	--
0.12	11.0	13.0	7.5	7.5	12.0	14.0	7.5	7.5	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
0.15	11.5	13.0	7.0	7.5	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
0.18	12.0	13.5	7.5	7.5	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
0.22	12.5	13.5	8.0	7.5	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--

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

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# Kingtronics®

## FKT-MP

### Polyester (Mylar) Film Capacitor-Pei

#### HOW TO ORDER

FKT	MP	2A	102	K	035	000	B	R
Series	Sub Series	Voltage	Capacitance	Capacitance Tolerance	Pitch	Lead Length	Packing	Pb
		1.	2.	3.	4.	5.	6.	7.

#### 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 Company**

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