

Kingtronics®

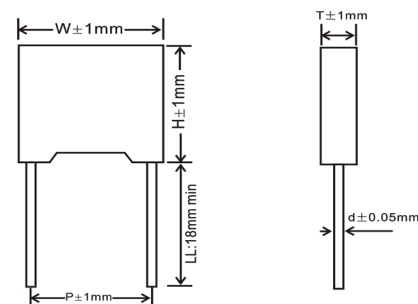
FKT-MM MEALLIZED POLYPROPYLENE FILM CAPACITOR - BOX-MPP

FEATURES

- ◆ High reliability at high current stress.
- ◆ Self-healing properties.
- ◆ Flame retardant plastic case and epoxy resin.
- ◆ Low losses, high dv / dt capability.
- ◆ High moisture resistance.
- ◆ High stability of capacitance and long life.



SPECIFICATIONS	
OPERATING TEMPERATURE	-40°C TO + 85°C
RATED VOLTAGE	100, 250, 400, 630, 1000VDC
CAPACITANCE RANGE	0.001 TO 1µF
CAPACITANCE TOLERANCE	±5%
INSULATION RESISTANCE	C ≤ 0.33µF ; IR ≥ 50000MOhm C > 0.33µF ; IR ≥ 15000MOhm
DISSIPATION FACTOR	0.1% max. at 1KHz, 20°C
DIELECTRIC STRENGTH	160% of rated voltage for 5s.



µF	100VDC					250VDC					400VDC					630VDC/1000VDC				
	W	H	T	P	D	W	H	T	P	D	W	H	T	P	D	W	H	T	P	D
	±1.0	±1.0	±1.0	±1.0	±0.05	±1.0	±1.0	±1.0	±1.0	±0.05	±1.0	±1.0	±1.0	±1.0	±0.05	±1.0	±1.0	±1.0	±1.0	±0.05
0.001	7.2	7.5	3.5	5	0.5	7.2	7.5	3.5	5	0.5	7.2	7.5	3.5	5	0.5	7.2	7.5	3.5	5	0.5
0.0012	10	9	4	7.5	0.5	10	9	4	7.5	0.5	10	9	4	7.5	0.5	10	9	4	7.5	0.5
0.0015	7.2	7.5	3.5	5	0.5	7.2	7.5	3.5	5	0.5	7.2	7.5	3.5	5	0.5	7.2	7.5	3.5	5	0.5
0.0018	10	9	4	7.5	0.5	10	9	4	7.5	0.5	10	9	4	7.5	0.5	10	9	4	7.5	0.5
0.0022	7.2	7.5	3.5	5	0.5	7.2	7.5	3.5	5	0.5	7.2	7.5	3.5	5	0.5	7.2	7.5	3.5	5	0.5
0.0027	10	9	4	7.5	0.5	10	9	4	7.5	0.5	10	9	4	7.5	0.5	10	9	4	7.5	0.5
0.0033	7.2	7.5	3.5	5	0.5	7.2	7.5	3.5	5	0.5	7.2	7.5	3.5	5	0.5	7.2	7.5	3.5	5	0.5
0.0039	10	9	4	7.5	0.5	10	9	4	7.5	0.5	10	9	4	7.5	0.5	10	9	4	7.5	0.5
0.0047	7.2	7.5	3.5	5	0.5	7.2	7.5	3.5	5	0.5	7.2	7.5	3.5	5	0.5	7.2	7.5	3.5	5	0.5
0.0056	10	9	4	7.5	0.5	10	9	4	7.5	0.5	10	9	4	7.5	0.5	10	9	4	7.5	0.5
0.0068	7.2	7.5	3.5	5	0.5	7.2	7.5	3.5	5	0.5	7.2	7.5	3.5	5	0.5	7.2	7.5	3.5	5	0.5
0.0082	10	9	4	7.5	0.5	10	9	4	7.5	0.5	10	9	4	7.5	0.5	10	9	4	7.5	0.5
0.01	7.2	7.5	3.5	5	0.5	7.2	7.5	3.5	5	0.5	7.2	7.5	3.5	5	0.5	7.2	7.5	3.5	5	0.5
0.012	10	9	4	7.5	0.5	10	9	4	7.5	0.5	10	9	4	7.5	0.5	10	9	4	7.5	0.5
0.015	7.2	7.5	3.5	5	0.5	7.2	7.5	3.5	5	0.5	7.2	7.5	3.5	5	0.5	7.2	9.5	4.5	5	0.5
0.018	10	9	4	7.5	0.5	10	9	4	7.5	0.5	10	9	4	7.5	0.5	10	9	4	7.5	0.5
0.022	7.2	7.5	3.5	5	0.5	7.2	7.5	3.5	5	0.5	7.2	7.5	3.5	5	0.5	7.2	9.5	4.5	5	0.5
0.027	10	9	4	7.5	0.5	10	9	4	7.5	0.5	10	9	4	7.5	0.5	10	9	4	7.5	0.5
0.033	7.2	7.5	3.5	5	0.5	7.2	7.5	3.5	5	0.5	7.2	9.5	4.5	5	0.5	7.2	10	5	5	0.5
0.039	10	9	4	7.5	0.5	10	9	4	7.5	0.5	10	11	5	7.5	0.5	10	11	5	7.5	0.5
0.047	7.2	7.5	3.5	5	0.5	7.2	7.5	3.5	5	0.5	7.2	9.5	4.5	5	0.5	7.2	11	6	5	0.5
0.056	10	9	4	7.5	0.5	10	9	4	7.5	0.5	10	11	5	7.5	0.5	10	11	6	5	0.5
0.068	7.2	7.5	3.5	5	0.5	7.2	7.5	3.5	5	0.5	7.2	10	5	5	0.5	7.2	10	5	5	0.5
0.082	10	9	4	7.5	0.5	10	9	4	7.5	0.5	10	11	5	7.5	0.5	10	11	5	7.5	0.5
0.1	7.2	9.5	4.5	5	0.5	7.2	9.5	4.5	5	0.5	7.2	11	6	5	0.5	7.2	11	6	5	0.5
0.15	10	9	4	7.5	0.5	10	9	4	7.5	0.5	10	11	5	7.5	0.5	10	11	5	7.5	0.5
0.22	7.2	11	6	5	0.5	7.2	11	6	5	0.5	7.2	11	6	5	0.5	7.2	11	6	5	0.5
	10	9	4	7.5	0.5	10	9	4	7.5	0.5	10	11	5	7.5	0.5	10	11	5	7.5	0.5
	10	9	4	7.5	0.5	10	9	4	7.5	0.5	10	11	5	7.5	0.5	10	11	5	7.5	0.5

Kingtronics® International Company

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Kingtronics®**FKT-MM****MEALLIZED POLYPROPYLENE FILM
CAPACITOR - BOX-MPP****HOW TO ORDER**

FKT	MM	2A	103	K	050	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	050	075
Pitch (mm)	5.0	7.5

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.

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