

# Kingtronics®

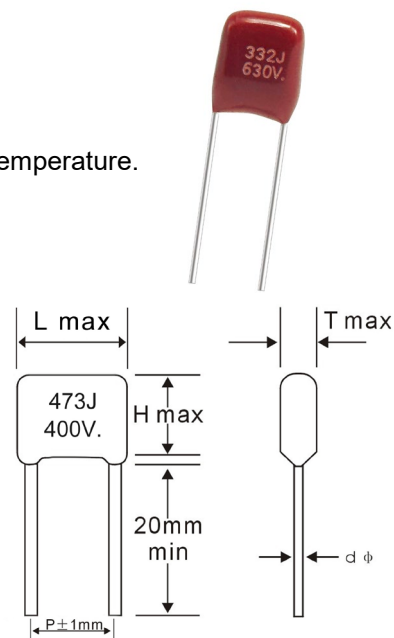
## FKT-MN

### MEALLIZED POLYPROPYLENE FILM CAPACITOR – MPP

#### FEATURES

- ◆ Highly reliable because of its excellent Self-Healing performance.
- ◆ Dissipation Factor is normally low and it is stable against high frequency and change of temperature.
- ◆ Recommended for high-frequency circuits like s-curve compensating circuit.

SPECIFICATIONS	
OPERATING TEMPERATURE	◆ -40°C TO + 85°C
RATED VOLTAGE	◆ DC 100V, 250V, 400V, 630V, 1000V
CAPACITANCE RANGE	◆ 0.001 TO 0.33Mfd
CAPACITANCE TOLERANCE	◆ ±5%
INSULATION RESISTANCE	◆ UR>100V C≤0.33μF IR≥25000MΩ C>0.33μF IR≥7500s ◆ UR<100V C≤0.33μF IR≥12500MΩ C>0.33μF IR≥3750s
DISSIPATION FACTOR	◆ ≤0.001 at1KHz (Typical 0.002 Max)



VDC	100VDC(2A)					250VDC(2E)				
	L	T	H	D	P	L	T	H	D	P
0.001	8.2	5	8.2	0.5	5	8.2	5	8.2	0.5	5
0.0012	8.2	5	8.2	0.5	5	8.2	5	8.2	0.5	5
0.0015	8.2	5	8.2	0.5	5	8.2	5	8.2	0.5	5
0.0018	8.2	5	8.2	0.5	5	8.2	5	8.2	0.5	5
0.0022	8.2	5	8.2	0.5	5	8.2	5	8.2	0.5	5
0.0027	8.2	5	8.2	0.5	5	8.2	5	8.2	0.5	5
0.0033	8.2	5	8.2	0.5	5	8.2	5	8.2	0.5	5
0.0039	8.2	5	8.2	0.5	5	8.2	5	8.2	0.5	5
0.0047	8.2	5	8.2	0.5	5	8.2	5	8.2	0.5	5
0.0056	8.2	5	8.2	0.5	5	8.2	5	8.2	0.5	5
0.0068	8.2	5	8.2	0.5	5	8.2	5	8.2	0.5	5
0.0082	8.2	5	8.2	0.5	5	8.2	5	8.2	0.5	5
0.01	8.2	5	8.2	0.5	5	8.2	5	8.2	0.5	5
0.012	8.2	5	8.2	0.5	5	8.2	5	8.2	0.5	5
0.015	8.2	5	8.2	0.5	5	8.2	5	8.2	0.5	5
0.018	8.2	5	8.2	0.5	5	8.2	5	8.2	0.5	5
0.022	8.2	5	8.2	0.5	5	8.2	5	8.2	0.5	5
0.027	8.2	5	8.2	0.5	5	8.2	5	8.2	0.5	5
0.033	8.2	5	8.2	0.5	5	8.2	5	8.2	0.5	5
0.039	8.2	5	8.2	0.5	5	8.2	5	8.2	0.5	5
0.047	8.2	5	8.2	0.5	5	8.2	5	8.2	0.5	5
0.056	8.2	5	8.2	0.5	5	8.2	5	8.2	0.5	5
0.068	8.2	5	8.2	0.5	5	8.2	5	8.2	0.5	5
0.082	8.2	5.5	9.5	0.5	5	8.2	5.5	9.5	0.5	5
0.1	8.2	5.5	9.5	0.5	5	8.2	5.5	9.5	0.5	5
0.15	8.2	6.5	10.5	0.5	5	8.2	6.5	10.5	0.5	5
0.22	8.2	7.5	12	0.5	5	8.2	7.5	12	0.5	5
0.33	8.2	8.5	13.5	0.5	5	8.2	8.5	13.5	0.5	5

**Kingtronics® International Company**

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### MEALLIZED POLYPROPYLENE FILM CAPACITOR – MPP

VDC	400VDC(2G)					630VDC(2J)/1000VDC(3A)				
	L	T	H	D	P	L	T	H	D	P
0.001	8.2	5	8.2	0.5	5	8.2	5	8.2	0.5	5
0.0012	8.2	5	8.2	0.5	5	8.2	5	8.2	0.5	5
0.0015	8.2	5	8.2	0.5	5	8.2	5	8.2	0.5	5
0.0018	8.2	5	8.2	0.5	5	8.2	5	8.2	0.5	5
0.0022	8.2	5	8.2	0.5	5	8.2	5	8.2	0.5	5
0.0027	8.2	5	8.2	0.5	5	8.2	5	8.2	0.5	5
0.0033	8.2	5	8.2	0.5	5	8.2	5	8.2	0.5	5
0.0039	8.2	5	8.2	0.5	5	8.2	5	8.2	0.5	5
0.0047	8.2	5	8.2	0.5	5	8.2	5	8.2	0.5	5
0.0056	8.2	5	8.2	0.5	5	8.2	5	8.2	0.5	5
0.0068	8.2	5	8.2	0.5	5	8.2	5	8.2	0.5	5
0.0082	8.2	5	8.2	0.5	5	8.2	5	8.2	0.5	5
0.01	8.2	5	8.2	0.5	5	8.2	5	8.2	0.5	5
0.012	8.2	5	8.2	0.5	5	8.2	5.5	9.5	0.5	5
0.015	8.2	5	8.2	0.5	5	8.2	5.5	9.5	0.5	5
0.018	8.2	5	8.2	0.5	5	8.2	5.5	9.5	0.5	5
0.022	8.2	5	8.2	0.5	5	8.2	5.5	9.5	0.5	5
0.027	8.2	5	8.2	0.5	5	8.2	6	10	0.5	5
0.033	8.2	5	8.2	0.5	5	8.2	6.5	10.5	0.5	5
0.039	8.2	5.5	9.5	0.5	5					
0.047	8.2	5.5	9.5	0.5	5					
0.056	8.2	5.5	9.5	0.5	5					
0.068	8.2	6	10	0.5	5					
0.082	8.2	6	10	0.5	5					
0.1	8.2	7	11	0.5	5					

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## FKT-MN

### MEALLIZED POLYPROPYLENE FILM CAPACITOR – MPP

#### HOW TO ORDER

FKT	MN	2A	103	K	050	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	050
Pitch (mm)	5.0

##### 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.