

Kingtronics®

FKT-MQ

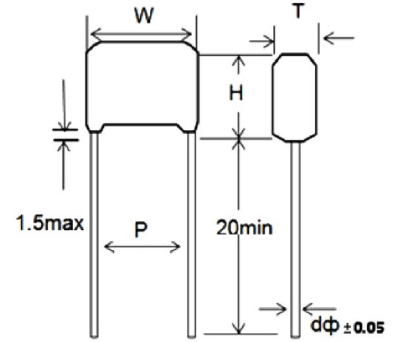
SUBMINIATURE SIZE METALLIZED POLYESTER FILM CAPACITOR

FEATURES

- ◆ Small size
- ◆ RoHS directive compliant

SPECIFICATIONS

CLIMATIC CATEGORY	55/85/21
UPPER	85°C
OPERATING TEMPERATURE	-55°C ~ + 85°C
RATED VOLTAGE	100V
CAPACITANCE RANGE	0.001 TO 2.2μF
CAPACITANCE TOLERANCE	±5%
VOLTAGE PROOF	1.4UR (5s)
DISSIPATION FACTOR	≤1% (20°C, 1KHz)
I.R	$U_R \leq 100V$ $\geq 15000M\Omega$; $C_R \leq 0.33\mu F$ $\geq 5000s$; $C_R > 0.33\mu F$ (20°C, 10V, 1 min) $U_R > 100V$ $\geq 15000M\Omega$; $C_R \leq 0.33\mu F$ $\geq 5000s$; $C_R > 0.33\mu F$ (20°C, 100V, 1 min)



Capacitance μF	R.V.(100V DC)				
	W(Max)	H(Max)	T(Max)	P±1mm	d±0.05mm
0.001	7.5	7.0	4.0	5	0.5
0.0012	7.5	7.0	4.0	5	0.5
0.0015	7.5	7.0	4.0	5	0.5
0.0018	7.5	7.0	4.0	5	0.5
0.0022	7.5	7.0	4.0	5	0.5
0.0027	7.5	7.0	4.0	5	0.5
0.0033	7.5	7.0	4.0	5	0.5
0.0039	7.5	7.0	4.0	5	0.5
0.0047	7.5	7.0	4.0	5	0.5
0.0056	7.5	7.0	4.0	5	0.5
0.0068	7.5	7.0	4.0	5	0.5
0.0082	7.5	7.0	4.0	5	0.5
0.01	7.5	7.0	4.0	5	0.5
0.012	7.5	7.0	4.0	5	0.5
0.015	7.5	7.0	4.0	5	0.5
0.018	7.5	7.0	4.0	5	0.5
0.02	7.5	7.0	4.0	5	0.5
0.022	7.5	7.0	4.0	5	0.5
0.027	7.5	7.0	4.0	5	0.5
0.033	7.5	7.0	4.0	5	0.5
0.039	7.5	7.0	4.0	5	0.5
0.047	7.5	7.0	4.0	5	0.5
0.056	7.5	7.0	4.0	5	0.5
0.068	7.5	7.0	4.0	5	0.5
0.082	7.5	7.0	4.0	5	0.5
0.1	7.5	7.5	4.5	5	0.5
0.12	7.5	7.5	4.5	5	0.5
0.15	7.5	7.5	4.5	5	0.5
0.18	7.5	7.5	4.5	5	0.5
0.22	7.5	7.5	4.5	5	0.5
0.27	7.5	8.5	4.5	5	0.5
0.33	7.5	9.0	5.0	5	0.5
0.39	7.5	9.0	5.0	5	0.5
0.47	7.5	9.5	5.5	5	0.5
0.56	7.5	10.5	6.0	5	0.5
0.68	7.5	10.5	6.5	5	0.5
0.82	7.5	12.0	6.5	5	0.5
1.0	7.5	12.0	6.5	5	0.5
1.5	8.2	13.5	7.5	5	0.5
2.2	8.2	13.5	8	5	0.5

Remark: Pitch 7.5mm also can supply in this series upon request

Kingtronics® International Company

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SUBMINIATURE SIZE METALLIZED POLYESTER FILM CAPACITOR

HOW TO ORDER

<u>FKT</u>	<u>MQ</u>	<u>2A</u>	<u>103</u>	<u>K</u>	<u>050</u>	<u>000</u>	<u>B</u>	<u>R</u>
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	0.01μF	0.1μF	1μF	10μF	2200pF	0.022μF	0.22μF	2.2μF
Code	332	333	334	472	473	474	682	683	684
Capacitance	3300pF	0.033μF	0.33μF	4700pF	0.047μF	0.47μF	6800pF	0.068μF	0.68μF

3. Capacitance Tolerance

Code	J	K	M
Tolerance	±5%	±10%	±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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