

Kingtronics®

FKT-MT

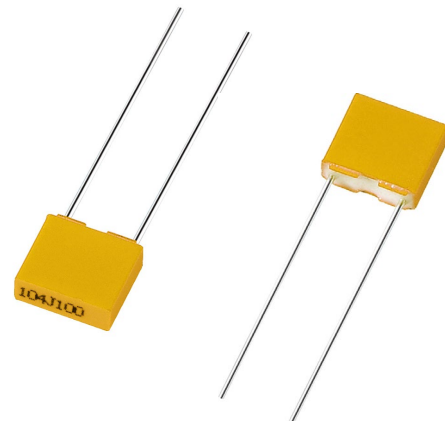
METALLIZED POLYESTER FILM CAPACITOR – MINI BOX

FEATURES

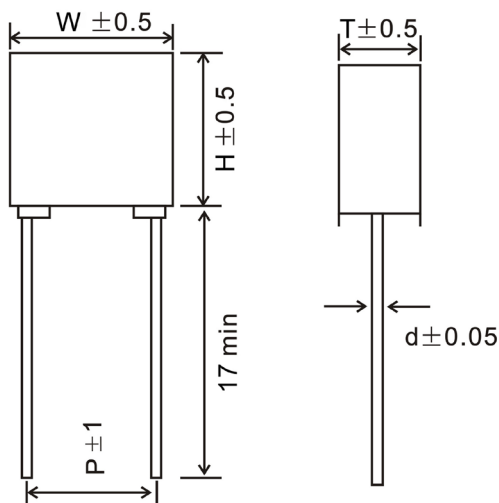
- ◆ High reliability
- ◆ Low dissipation factor.
- ◆ Box type provides the identical outer appearance

SPECIFICATIONS

Reference Standard	◆ GB7332 (IEC 60384-2)
Climatic Category	◆ 40/085/21
Rated Temperature	◆ 85°C
Rated Voltage	◆ 50/63/100V · 250V · 400V · 630V.DC
Capacitance Range	◆ 0.0010μF ~ 2.2μF
Capacitance Tolerance	◆ ±5%(J), ±10%(K)
Voltage Proof	◆ Type A: 1.6 U _R (5s) ; Type B: 1.4U _R (5s)
Dissipation Factor	◆ ≤0.8% (20°C, 1KHz)
Insulation Resistance	◆ C≤0.33μF , IR≥3000MΩ ; ◆ C>0.33μF , IR·C≥1000MΩ·UF (20°C, 1min)



Outline Drawing Dimensions (mm)



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METALLIZED POLYESTER FILM CAPACITOR – MINI BOX

Type A (P:5mm)

(μF)	63VDC			100VDC			250VDC			400VDC			630VDC		
	W	H	T	W	H	T	W	H	T	W	H	T	W	H	T
0.0010	7.2	6.5	2.5	7.2	6.5	2.5	7.2	6.5	2.5	7.2	6.5	2.5	7.2	7.5	3.5
0.0012	7.2	6.5	2.5	7.2	6.5	2.5	7.2	6.5	2.5	7.2	6.5	2.5	7.2	7.5	3.5
0.0015	7.2	6.5	2.5	7.2	6.5	2.5	7.2	6.5	2.5	7.2	6.5	2.5	7.2	7.5	3.5
0.0018	7.2	6.5	2.5	7.2	6.5	2.5	7.2	6.5	2.5	7.2	6.5	2.5	7.2	7.5	3.5
0.0022	7.2	6.5	2.5	7.2	6.5	2.5	7.2	6.5	2.5	7.2	6.5	2.5	7.2	7.5	3.5
0.0027	7.2	6.5	2.5	7.2	6.5	2.5	7.2	6.5	2.5	7.2	6.5	2.5	7.2	7.5	3.5
0.0033	7.2	6.5	2.5	7.2	6.5	2.5	7.2	6.5	2.5	7.2	6.5	2.5	7.2	7.5	3.5
0.0039	7.2	6.5	2.5	7.2	6.5	2.5	7.2	6.5	2.5	7.2	6.5	2.5	7.2	7.5	3.5
0.0047	7.2	6.5	2.5	7.2	6.5	2.5	7.2	6.5	2.5	7.2	6.5	2.5	7.2	7.5	3.5
0.0056	7.2	6.5	2.5	7.2	6.5	2.5	7.2	6.5	2.5	7.2	6.5	2.5	7.2	9.5	4.5
0.0062	7.2	6.5	2.5	7.2	6.5	2.5	7.2	6.5	2.5	7.2	6.5	2.5	7.2	9.5	4.5
0.0068	7.2	6.5	2.5	7.2	6.5	2.5	7.2	6.5	2.5	7.2	6.5	2.5	7.2	9.5	4.5
0.0082	7.2	6.5	2.5	7.2	6.5	2.5	7.2	6.5	2.5	7.2	6.5	2.5	7.2	10.0	5.0
0.010	7.2	6.5	2.5	7.2	6.5	2.5	7.2	6.5	2.5	7.2	7.5	3.5	7.2	10.0	5.0
0.012	7.2	6.5	2.5	7.2	6.5	2.5	7.2	6.5	2.5	7.2	7.5	3.5	7.2	10.0	5.0
0.015	7.2	6.5	2.5	7.2	6.5	2.5	7.2	6.5	2.5	7.2	7.5	3.5	7.2	10.0	5.0
0.018	7.2	6.5	2.5	7.2	6.5	2.5	7.2	6.5	2.5	7.2	7.5	3.5	7.2	10.0	5.0
0.022	7.2	6.5	2.5	7.2	6.5	2.5	7.2	6.5	2.5	7.2	7.5	3.5	7.2	11.0	6.0
0.027	7.2	6.5	2.5	7.2	6.5	2.5	7.2	6.5	2.5	7.2	7.5	3.5	7.2	11.0	6.0
0.033	7.2	6.5	2.5	7.2	6.5	2.5	7.2	6.5	2.5	7.2	7.5	3.5	7.2	11.0	6.0
0.039	7.2	6.5	2.5	7.2	6.5	2.5	7.2	6.5	2.5	7.2	7.5	3.5	--	--	--
0.047	7.2	6.5	2.5	7.2	6.5	2.5	7.2	7.5	3.5	7.2	9.5	4.5	--	--	--
0.056	7.2	6.5	2.5	7.2	6.5	2.5	7.2	7.5	3.5	7.2	9.5	4.5	--	--	--
0.068	7.2	6.5	2.5	7.2	6.5	2.5	7.2	7.5	3.5	7.2	10.0	5.0	--	--	--
0.082	7.2	6.5	2.5	7.2	6.5	2.5	7.2	9.5	4.5	7.2	10.0	5.0	--	--	--
0.10	7.2	6.5	2.5	7.2	6.5	2.5	7.2	9.5	4.5	7.2	10.0	5.0	--	--	--
0.12	7.2	7.5	3.5	7.2	7.5	3.5	7.2	9.5	4.5	--	--	--	--	--	--
0.15	7.2	7.5	3.5	7.2	7.5	3.5	7.2	9.5	4.5	--	--	--	--	--	--
0.18	7.2	7.5	3.5	7.2	7.5	3.5	7.2	9.5	4.5	--	--	--	--	--	--
0.22	7.2	7.5	3.5	7.2	7.5	3.5	7.2	10.0	5.0	--	--	--	--	--	--
0.27	7.2	7.5	3.5	7.2	10.0	5.0	7.2	10.0	5.0	--	--	--	--	--	--
0.33	7.2	9.5	4.5	7.2	10.0	5.0	--	--	--	--	--	--	--	--	--
0.47	7.2	9.5	4.5	7.2	10.0	5.0	--	--	--	--	--	--	--	--	--
0.56	7.2	9.5	4.5	7.2	10.0	5.0	--	--	--	--	--	--	--	--	--
0.68	7.2	10.0	5.0	7.2	10.0	5.0	--	--	--	--	--	--	--	--	--
1.0	7.2	11.0	6.0	7.2	11.0	6.0	--	--	--	--	--	--	--	--	--
1.5	7.2	11.0	6.0	--	--	--	--	--	--	--	--	--	--	--	--
2.2	7.2	11.0	6.0	--	--	--	--	--	--	--	--	--	--	--	--

Type B (P:5mm)

(μF)	63VDC			100VDC			400VDC		
	W	H	T	W	H	T	W	H	T
0.068	--	--	--	--	--	--	7.2	9.5	4.5
0.082	--	--	--	--	--	--	7.2	9.5	4.5
0.12	7.2	6.5	2.5	7.2	6.5	2.5	--	--	--
0.15	7.2	6.5	2.5	7.2	6.5	2.5	--	--	--
0.18	7.2	6.5	2.5	7.2	6.5	2.5	--	--	--
0.22	7.2	6.5	2.5	7.2	6.5	2.5	--	--	--
0.27	7.2	6.5	2.5	7.2	9.5	4.5	--	--	--
0.33	7.2	7.5	3.5	7.2	9.5	4.5	--	--	--
0.47	7.2	7.5	3.5	7.2	9.5	4.5	--	--	--
0.56	7.2	7.5	3.5	7.2	9.5	4.5	--	--	--
0.68	7.2	9.5	4.5	7.2	9.5	4.5	--	--	--
1.0	7.2	10.0	5.0	--	--	--	--	--	--

Kingtronics® International Company

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FKT-MT

METALLIZED POLYESTER FILM CAPACITOR – MINI ROX

HOW TO ORDER

FKT	MT	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	0.01μF	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
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.

Kingtronics® International Company

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