

Kingtronics®

FKT-MG

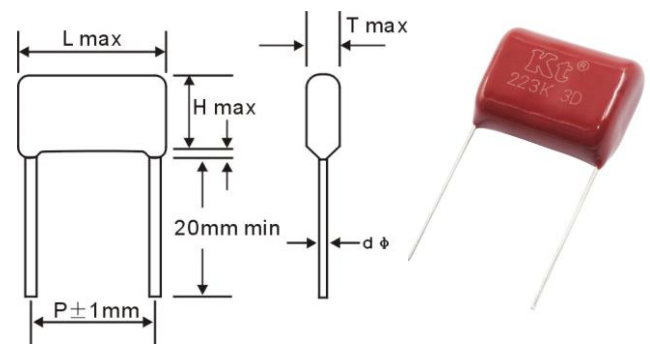
High Voltage Metallized Polypropylene Film Capacitors

FEATURES

- ◆ Ideal for high AC current applications, such as CRT deflection for R-F generators and pulse-forming networks.
- ◆ Temperature Coefficient is negative and variety linear over the operation temperature.
- ◆ Coated with flame retardative epoxy resin which provides from humidity and mechanical damage

SPECIFICATIONS

Operating Temperature	◆ -40°C TO + 85°C
Rated Voltage	◆ DC 1000V, 1250V, 1500, 1600V and 2000V
Capacitance Range	◆ 0.001 TO 0.15Mfd
Capacitance Tolerance	◆ ±5%, ±10%
Dissipation Factor	◆ ≤0.1% (20°C, 1KHz)
Insulation Resistance	◆ ≥25000MΩ (CR≤0.1μF) (20°C, 1min) ≥2000s (CR>0.1μF) (20°C, 1min)



DIMENSIONS (mm)

(dφ:0.6mm or 0.8mm)

VDC Mfd	1000VDC/1250VDC				1500VDC/1600VDC				2000VDC			
	L	T	H	P	L	T	H	P	L	T	H	P
0.00022	--	--	--	--	--	--	--	--	19	10.5	5.5	15
0.00047~0.00056	19	7.5	12	15	19	7.5	12	15	19	7.5	12	15
0.001	19	6.4	11	15	19	6.4	11	15	19	7	12.5	15
0.0011	--	--	--	--	--	--	--	--	19	7.5	13	15
0.0015	19	7.5	12	15	19	7.5	12	15	19	8.5	13.5	15
0.0022	19	7.5	12.5	15	19	7.5	12.5	15	19	8.5	14	15
0.0027	19	8	13	15	19	8	13	15	19	9	14.5	15
0.0033	19	7.6	12	15	19	8.5	14	15	19	9	16	15
0.0039	--	--	--	--	--	--	--	--	24	7.5	15	20
0.0047	--	--	--	--	19	9	14.5	15	19	9	14.5	15
0.0047	19	8	13	15	19	9	14.8	15	19	9.5	16	15
0.0052	--	--	--	--	26	8	14	22.5	26	8.5	14	22.5
0.0052	--	--	--	--	19	9	14.8	15	--	--	--	--
0.0056~0.0068	19	8.5	14.5	15	19	10	15.7	15	19	10.5	17.5	15
0.0082	19	9	14.5	15	19	9.5	15.5	15	19	11	18	15
0.0082	--	--	--	--	26	9.5	15.5	22.5	--	--	--	--
0.0091	--	--	--	--	26	9.5	15.5	22.5	--	--	--	--
0.0095	--	--	--	--	26	10	16	22.5	--	--	--	--
0.01	19.5	8.5	14	15	19	9.5	17	15	19	12	19	15
0.01	--	--	--	--	--	--	--	--	26	9.5	16.5	22.5
0.011~0.012	26	9	15.5	22.5	26	9	15.5	22.5	26	10.5	18	22.5
0.013~0.016	19	9.5	16.8	15	19	11.5	18.5	15	--	--	--	--
0.013~0.016	26	9.5	16.5	22.5	26	10	16	22.5	26	11	18.5	22.5
0.022	19	10.5	15.8	15	--	--	--	--	--	--	--	--
0.022	26	10.8	18	22.5	26	10.5	18.5	22.5	26	13.5	20	22.5
0.033	19	13	18	15	--	--	--	--	--	--	--	--
0.047	19	13.5	20.6	15	--	--	--	--	--	--	--	--

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

Kingtronics® International Company

Website: www.kingtronics.com Email: info@kingtronics.com Tel: (852) 8106 7033 Fax: (852) 8106 7099

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HOW TO ORDER

FKT	MG	3A	102	K	150	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 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	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

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