

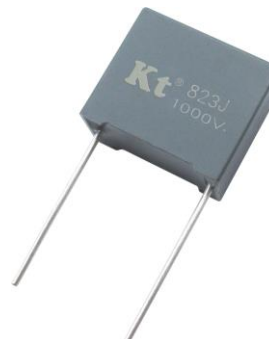
Kingtronics®

FKT-MJ

Double Sided Box Type Met Polypropylene Film Capacitor

FEATURES

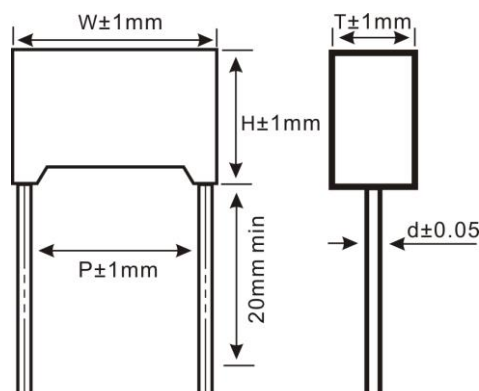
- ◆ Double sided metallized polypropylene structure
- ◆ Low loss and small inherent temperature rise
- ◆ Excellent active and passive flame resistant abilities
- ◆ Negative temperature coefficient of capacitance



SPECIFICATIONS

Reference Standard	GB/T14579 (IEC 60384-17)	
Operating Temperature Range	-40°C ~85°C	
Rated Voltage	630V, 1600V, 2000V	
Capacitance Range	0.001μF ~ 0.068μF 1KHz 1V	
Capacitance Tolerance	±5%(J), ±10%(K)	
Voltage Proof (V)	1.6U _R (5s)	
	Charge current ≤50mA	
Dissipation Factor (tg δ)	Tanδ≤0.001 1kHz	
	Capacity and loss tangent measurements	
	at 25±2°C using 1±0.1KHz	
Insulation Resistance (I.R.)	C≤0.33μF, IR≥50000MΩ C>0.33μF, IR≥15000S (MΩ/μF) Remark: T[s]=I.R. [MΩ]*C _N [μF]	(20°C, 100V, 1min)

OUTLINE DRAWING



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

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DIMENSIONS (mm)

(μF)	400VDC (250VAC)										
	P	W	H	T	d	(μF)	P	W	H	T	d
0.0027	7.5	10	9	4	0.6	0.082	15	18	12	6	0.6
0.0033	7.5	10	9	4	0.6	0.1	15	18	13.5	7.5	0.8
0.0039	7.5	10	9	4	0.6	0.12	15	18	13.5	7.5	0.8
0.0047	7.5	10	9	4	0.6		22.5	26.5	15	6	0.8
0.0056	7.5	10	9	4	0.6	0.15	15	18	14.5	8.5	0.8
0.0068	7.5	10	9	4	0.6		22.5	26.5	15	6	0.8
0.0082	7.5	10	9	4	0.6	0.18	15	18	16	10	0.8
0.01	7.5	10	9	4	0.6		22.5	26.5	16	7	0.8
	10	13	9	4	0.6	0.22	15	18	16	10	0.8
0.012	7.5	10	9	4	0.6		22.5	26.5	16	7	0.8
	10	13	9	4	0.6	0.27	15	18	19	11	0.8
0.015	7.5	10	11	5	0.6		22.5	26.5	17	8.5	0.8
	10	13	9	4	0.6	0.33	22.5	26.5	17	8.5	0.8
0.018	7.5	10	11	5	0.6		22.5	26.5	19	10	0.8
	10	13	9	4	0.6	0.39	27.5	32	18	9	0.8
0.022	7.5	10	12	6	0.6		22.5	26.5	19	10	0.8
	10	13	9	4	0.6	0.47	27.5	32	18	9	0.8
0.027	7.5	10	12	6	0.6		22.5	26.5	22	12	0.8
	10	12	11	5	0.6	0.56	27.5	32	20	11	0.8
0.033	10	12	11	5	0.6		22.5	26.5	22	12	0.8
	15	18	11	5	0.6	0.68	27.5	32	20	11	0.8
0.039	10	13	12	6	0.6		27.5	32	22	13	0.8
	15	18	11	5	0.6	1	27.5	32	24.5	15	0.8
0.047	10	13	12	6	0.6		1.2	27.5	32	24.5	15
	15	18	11	5	0.6	1.5	27.5	32	33	18	0.8
0.056	15	18	11	5	0.6		1.8	27.5	32	33	18
	0.068	15	18	12	6	0.6	--	--	--	--	--

(μF)	630VDC (400VAC)										
	P	W	H	T	d	(μF)	P	W	H	T	d
0.0007	7.5	10	9	4	0.6	0.039	15	18	12	6	0.8
0.0008	7.5	10	9	4	0.6	0.047	15	18	12	6	0.8
0.001	7.5	10	9	4	0.6		22.5	26.5	15	6	0.8
0.0012	7.5	10	9	4	0.6	0.056	15	18	13.5	7.5	0.8
0.0015	7.5	10	9	4	0.6		22.5	26.5	15	6	0.8
0.0018	7.5	10	9	4	0.6	0.068	15	18	14.5	8.5	0.8
0.0022	7.5	10	9	4	0.6		22.5	26.5	15	6	0.8
0.0027	7.5	10	9	4	0.6	0.082	15	18	14.5	8.5	0.8
0.0033	7.5	10	9	4	0.6		22.5	26.5	15	6	0.8
0.0039	7.5	10	9	4	0.6	0.1	15	18	16	10	0.8
	10	13	9	4	0.6		22.5	26.5	15	6	0.8
0.0047	7.5	10	9	4	0.6	0.12	15	18	19	11	0.8
	10	13	9	4	0.6		22.5	26.5	16	7	0.8
0.0056	7.5	10	9	4	0.6	0.15	22.5	26.5	17	8.5	0.8
	10	13	9	4	0.6		27.5	32	18	9	0.8
0.0068	7.5	10	11	5	0.6	0.18	22.5	26.5	17	8.5	0.8
	10	13	9	4	0.6		27.5	32	18	9	0.8
0.0082	7.5	10	11	5	0.6	0.22	22.5	26.5	19	10	0.8
	10	13	9	4	0.6		27.5	32	18	9	0.8
0.01	7.5	10	12	6	0.6	0.27	22.5	26.5	22	12	0.8
	10	12	11	5	0.6		27.5	32	18	9	0.8
0.012	15	18	11	5	0.6	0.33	22.5	26.5	22	12	0.8
	7.5	10	12	6	0.6		27.5	32	20	11	0.8
0.015	10	12	11	5	0.6	0.39	22.5	26.5	22	12	0.8
	15	18	11	5	0.6		27.5	32	20	11	0.8
0.018	10	13	12	6	0.6	0.47	27.5	32	22	13	0.8
	15	18	11	5	0.6		0.56	27.5	32	22	13
0.022	15	18	11	5	0.6	0.68	27.5	32	24.5	15	0.8
	10	13	12	6	0.6		0.82	27.5	32	28	14
0.027	15	18	11	5	0.6	1	27.5	32	33	18	0.8
	15	18	11	5	0.6		1.2	27.5	32	33	18
0.033	15	18	12	6	0.8	--	--	--	--	--	--

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Double Sided Box Type Met Polypropylene Film Capacitor

(μF)	1000VDC (600VAC)										
	P	W	H	T	d	(μF)	P	W	H	T	d
0.0005	7.5	10	9	4	0.6	0.018	15	18	13.5	7.5	0.8
0.0006	7.5	10	9	4	0.6	0.022	15	18	13.5	7.5	0.8
0.0007	7.5	10	9	4	0.6	0.027	15	18	14.5	8.5	0.8
0.0008	7.5	10	9	4	0.6		22.5	26.5	15	6	0.8
0.001	7.5	10	9	4	0.6	0.033	15	18	16	10	0.8
	7.5	10	12	6	0.6		22.5	26.5	15	6	0.8
0.0012	7.5	10	9	4	0.6	0.039	15	18	16	10	0.8
	7.5	10	12	6	0.6		22.5	26.5	16	7	0.8
0.0015	7.5	10	9	4	0.6	0.047	15	18	19	11	0.8
	10	13	9	4	0.6		22.5	26.5	16	7	0.8
0.0018	7.5	10	9	4	0.6	0.056	22.5	26.5	17	8.5	0.8
	10	13	9	4	0.6	0.068	22.5	26.5	17	8.5	0.8
0.0022	7.5	10	9	4	0.6	0.082	22.5	26.5	19	10	0.8
	10	13	9	4	0.6		0.1	22.5	26.5	19	10
0.0027	7.5	10	11	5	0.6	0.12		27.5	32	18	9
	10	13	9	4	0.6		22.5	26.5	22	12	0.8
0.0033	7.5	10	11	5	0.6	0.15	27.5	32	18	9	0.8
	10	13	9	4	0.6		22.5	26.5	22	12	0.8
0.0039	10	12	11	5	0.6	0.18	27.5	32	20	11	0.8
0.0047	10	12	11	5	0.6	0.22	27.5	32	22	13	0.8
0.0056	10	13	12	6	0.6	0.27	27.5	32	24.5	15	0.8
0.0068	10	13	12	6	0.6	0.33	27.5	32	24.5	15	0.8
0.0082	15	18	11	5	0.6	0.39	27.5	32	33	18	0.8
0.01	15	18	11	5	0.6	0.47	27.5	32	33	18	0.8
0.012	15	18	11	5	0.6	--	--	--	--	--	--
0.015	15	18	11	5	0.6	--	--	--	--	--	--

(μF)	1600VDC (650VAC)										
	P	W	H	T	d	(μF)	P	W	H	T	d
0.0007	15	18	11	5	0.8	0.018	22.5	26.5	15	6	0.8
0.0008	15	18	11	5	0.8	0.022	22.5	26.5	15	6	0.8
0.001	15	18	11	5	0.8	0.027	22.5	26.5	15	6	0.8
0.0012	15	18	11	5	0.8	0.033	22.5	26.5	16	7	0.8
0.0015	15	18	11	5	0.8		22.5	26.5	17	8.5	0.8
0.0018	15	18	11	5	0.8	0.039	27.5	32	18	9	0.8
0.0022	15	18	11	5	0.8		22.5	26.5	19	10	0.8
0.0027	15	18	11	5	0.8	0.047	27.5	32	18	9	0.8
0.0033	15	18	11	5	0.8		22.5	26.5	19	10	0.8
0.0039	15	18	11	5	0.8	0.056	27.5	32	18	9	0.8
0.0047	15	18	11	5	0.8		22.5	26.5	22	12	0.8
0.0056	15	18	11	5	0.8	0.068	27.5	32	18	9	0.8
0.0068	15	18	11	5	0.8		22.5	26.5	22	12	0.8
0.0082	15	18	12	6	0.8	0.082	27.5	32	20	11	0.8
0.01	15	18	12	6	0.8		27.5	32	20	11	0.8
0.012	15	18	13.5	7.5	0.8	0.1	27.5	32	20	11	0.8
0.015	15	18	13.5	7.5	0.8		0.12	27.5	32	22	12
	22.5	26.5	15	6	0.8	0.15	27.5	32	24.5	15	0.8
0.018	15	18	14.5	8.5	0.8	0.18	27.5	32	24.5	15	0.8
0.022	15	18	14.5	8.5	0.8		0.22	27.5	32	24.5	15
0.027	15	18	16	10	0.8	0.27	27.5	32	24.5	15	0.8
0.033	15	18	19	11	0.8		0.33	27.5	32	33	18
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Double Sided Box Type Met Polypropylene Film Capacitor

(μF)	2000VDC (700VAC)										
	P	W	H	T	d	(μF)	P	W	H	T	d
0.0002	15	18	11	5	0.8	0.0068	15	18	13.5	7.5	0.8
0.0003	15	18	11	5	0.8		22.5	26.5	15	6	0.8
0.0004	15	18	11	5	0.8	0.0082	15	18	14.5	8.5	0.8
0.0005	15	18	11	5	0.8		22.5	26.5	15	6	0.8
0.0006	15	18	11	5	0.8	0.01	15	18	16	10	0.8
0.0007	15	18	11	5	0.8		22.5	26.5	15	6	0.8
0.0008	15	18	11	5	0.8	0.012	15	18	16	10	0.8
0.001	15	18	11	5	0.8		22.5	26.5	15	6	0.8
	22.5	26.5	15	6	0.8	0.015	15	18	19	11	0.8
0.0012	15	18	11	5	0.8		22.5	26.5	16	7	0.8
	22.5	26.5	15	6	0.8	0.018	22.5	26.5	16	7	0.8
0.0015	15	18	11	5	0.8		0.022	22.5	26.5	17	8.5
	22.5	26.5	15	6	0.8	27.5		32	18	9	0.8
0.0018	15	18	11	5	0.8	0.027	22.5	26.5	19	10	0.8
	22.5	26.5	15	6	0.8		27.5	32	18	9	0.8
0.0022	15	18	11	5	0.8	0.033	22.5	26.5	19	10	0.8
	22.5	26.5	15	6	0.8		27.5	32	18	9	0.8
0.0027	15	18	11	5	0.8	0.039	22.5	26.5	22	12	0.8
	22.5	26.5	15	6	0.8		27.5	32	20	11	0.8
0.0033	15	18	12	6	0.8	0.047	22.5	26.5	22	12	0.8
	22.5	26.5	15	6	0.8		27.5	32	20	11	0.8
0.0039	15	18	12	6	0.8	0.056	27.5	32	22	13	0.8
	22.5	26.5	15	6	0.8	0.068	27.5	32	22	13	0.8
0.0047	15	18	12	6	0.8	0.082	27.5	32	24.5	15	0.8
	22.5	26.5	15	6	0.8	0.1	27.5	32	28	14	0.8
0.0056	15	18	13.5	7.5	0.8	0.12	27.5	32	33	18	0.8
	22.5	26.5	15	6	0.8	0.15	27.5	32	33	18	0.8

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