

Kingtronics®

FKT-AC

METALLIZED POLYPROPYLENE FILM CAPACITOR - AXIAL

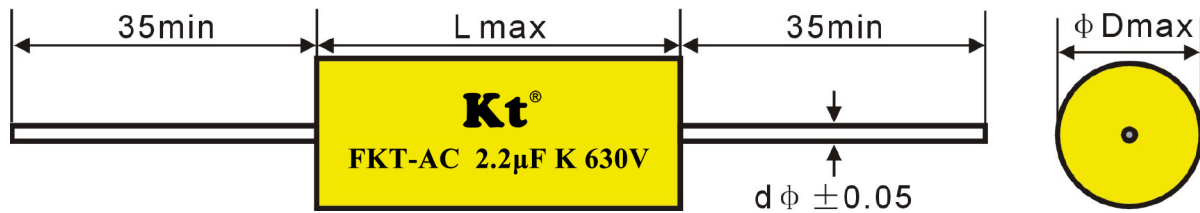
FEATURES

- ◆ Axial Lead, Metallize Polypropylene Film – Cycloidal
- ◆ FKT-AC is constructed with metallized polypropylene film as medium and electrode, wrapped and sealed with flame-retardant plastic and epoxy resin. With high reliability, high temperature-resistance, small volume, large capacity and good self-healing property.
- ◆ Mainly used in instruments and the DC & AC circuit of the household equipment and the fractional frequency circuit of acoustics system.



SPECIFICATIONS

OPERATING TEMPERATURE	-55°C TO + 100°C
CAPACITANCE RANGE	0.047μF ~ 56μF
CAPACITANCE TOLERANCE	J (±5%), K (±10%)
RATED VOLTAGE	250V, 400V, 630V, 1000V, 1250V (DC)
WITHSTAND VOLTAGE	1.7U _R 2s (1.5U _R 5s)
DISSIPATION FACTOR	C<0.1μF ≤0.0015 10KHz 0.1μF<C≤1μF ≤0.0020 10KHz 1μF<C≤4.7μF ≤0.0030 10KHz C>4.7μF ≤0.0015 1KHz
INSULATION RESISTANCE	C≤0.33μF ≥50000MΩ C>0.33μF ≥15000S



CAP		250VDC			400VDC			630VDC			1000VDC			1250VDC		
		L	D	d	L	D	d	L	D	d	L	D	d	L	D	d
473	0.047	16.0	7.0	0.6	16.0	7.0	0.6	16.0	8.0	0.8	21.0	9.0	0.8	26.0	9.0	0.8
683	0.068	16.0	7.5	0.6	21.0	10.5	0.8	16.0	9.0	0.8	26.0	9.0	0.8	26.0	10.5	0.8
104	0.1	16.0	6.0	0.6	16.0	7.0	0.8	26.0	10.0	0.8	26.0	10.0	0.8	32.0	11.5	0.8
224	0.22	16.0	8.0	0.6	20.5	9.0	0.8	21.0	12.0	0.8	26.0	14.0	0.8	32.0	15.5	0.8
334	0.33	21.0	7.5	0.6	21.0	9.5	0.8	26.0	12.0	0.8	32.0	15.0	0.8	37.0	16.5	0.8
474	0.47	29.0	8.5	0.8	21.0	9.5	0.8	26.0	13.5	0.8	37.0	16.0	0.8	37.0	19.0	0.8
684	0.68	21.0	10.0	0.8	26.0	10.0	0.8	26.0	16.0	0.8	37.0	18.5	0.8	48.0	20.0	1.0
105	1.0	21.0	12.0	0.8	26.0	12.0	0.8	32.0	16.5	0.8	48.0	19.0	0.8	48.0	23.5	1.0
225	2.2	26.0	14.5	0.8	32.0	14.5	0.8	37.0	21.5	1.0	58.0	24.5	1.0	58.0	30.0	1.0
335	3.3	26.0	17.0	0.8	32.0	17.5	0.8	37.0	26.0	1.0	58.0	29.0	1.0	68.0	33.5	1.0
405	4.0	26.0	18.5	0.8	37.0	17.0	0.8	48.0	24.5	1.0	68.0	29.0	1.0	--	--	--
475	4.7	32.0	17.5	0.8	37.0	18.5	0.8	48.0	26.5	1.0	68.0	31.5	1.0	--	--	--
565	5.6	37.0	17.0	0.8	37.0	20.0	1.0	58.0	25.5	1.0	68.0	34.5	1.0	--	--	--
685	6.8	37.0	18.5	0.8	48.0	19.0	0.8	58.0	28.0	1.0	--	--	--	--	--	--
825	8.2	48.0	17.5	0.8	48.0	20.5	0.8	68.0	27.5	1.0	--	--	--	--	--	--
106	10.0	48.0	19.0	0.8	48.0	23.0	1.0	68.0	30.5	1.0	--	--	--	--	--	--
156	15.0	58.0	20.5	1.0	58.0	24.5	1.0	--	--	--	--	--	--	--	--	--
226	22.0	58.0	25.0	1.0	58.0	29.0	1.0	--	--	--	--	--	--	--	--	--
306	30.0	58.0	29.0	1.0	68.0	30.5	1.0	--	--	--	--	--	--	--	--	--
336	33.0	68.0	27.5	1.0	68.0	32.5	1.0	--	--	--	--	--	--	--	--	--
396	39.0	68.0	29.5	1.0	68.0	35.0	1.0	--	--	--	--	--	--	--	--	--
476	47.0	68.0	33.0	1.0	--	--	--	--	--	--	--	--	--	--	--	--
566	56.0	68.0	35.5	1.0	--	--	--	--	--	--	--	--	--	--	--	--

Kingtronics® International Company

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HOW TO ORDER

<u>FKT</u>	<u>AC</u>	<u>2A</u>	<u>103</u>	<u>K</u>	<u>000</u>	<u>000</u>	<u>B</u>	<u>R</u>
Series	Sub Series	Voltage	Capacitance	Capacitance Tolerance	Axial	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. Axial

Code	000
Axial	Standard

5. Lead Length

Code	000
Lead Length	Standard

6. Packing

Code	B
Packing	Bulk

7. Pb

Code	R
Pb	RoHS

Note: Specifications are subject to change without notice.

Kingtronics® International Company

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