

Kingtronics®

FKT-AB

METALLIZED POLYESTER FILM CAPACITOR - AXIAL

FEATURES

- ◆ Axial Lead, Metallize Polyester Film – Flat Oval Shape
- ◆ FKT-AB is constructed with metallized polyester film as medium and electrode, wrapped and sealed with flame-resistance 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.

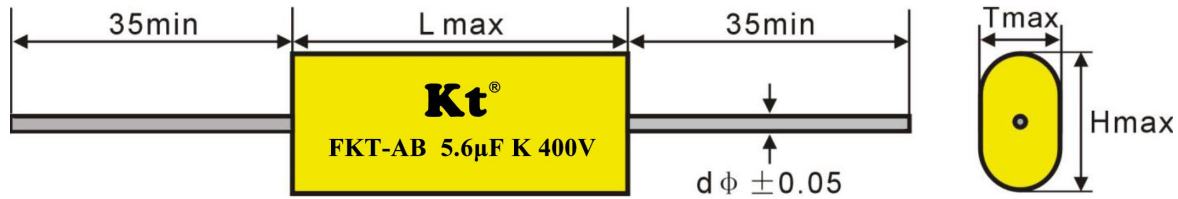


SPECIFICATIONS

OPERATING TEMPERATURE
CAPACITANCE RANGE
CAPACITANCE TOLERANCE
RATED VOLTAGE
WITHSTAND VOLTAGE
DISSIPATION FACTOR

-40°C TO + 105°C
0.01µF ~ 68µF
J (±5%), K (±10%)
100V, 250V, 400V, 630V(DC)
1.6U_R 2s (1.5U_R 5s)
C ≤ 1µF ≤0.013 10KHz
1µF < C ≤ 10µF ≤0.008 1KHz
C > 10µF ≤0.010 1HKz
C ≤ 0.33µF VR ≤ 100V(10V) ≥ 7500MΩ
VR > 100V ≥ 15000 MΩ
C > 0.33µF VR ≤ 100V(10V) ≥ 2500S
VR > 100V ≥ 5000S

INSULATION RESISTANCE



CAP		100VDC				250VDC				400VDC				630VDC			
		L	T	H	d	L	T	H	d	L	T	H	d	L	T	H	d
103	0.01	15.0	5.0	8.0	0.6	15.0	5.0	8.0	0.6	15.0	5.0	8.0	0.6	15.0	5.0	8.0	0.6
223	0.022	15.0	5.0	8.5	0.6	15.0	5.0	8.5	0.6	15.0	5.0	8.5	0.6	15.0	5.0	8.5	0.6
333	0.033	15.0	5.0	8.5	0.6	15.0	5.0	8.5	0.6	15.0	5.0	8.5	0.6	20.0	5.0	9.0	0.6
473	0.047	15.0	5.0	8.5	0.6	15.0	5.0	8.5	0.6	15.0	5.0	8.5	0.6	20.0	5.0	9.0	0.6
683	0.068	15.0	5.0	8.5	0.6	15.0	5.0	8.5	0.6	20.0	5.0	8.5	0.6	20.0	6.0	11.0	0.6
104	0.1	15.0	5.0	8.5	0.6	15.0	5.0	8.5	0.6	20.0	5.0	8.5	0.6	15.5	7.0	10.5	0.6
224	0.22	15.0	5.0	8.5	0.6	20.0	5.0	9.0	0.6	15.5	7.5	11.5	0.6	20.5	7.5	11.5	0.6
334	0.33	15.0	5.0	9.0	0.6	15.5	7.0	10.5	0.6	20.5	6.5	11.5	0.6	20.5	8.0	14.5	0.6
474	0.47	15.5	6.0	10.0	0.6	15.5	8.5	12.5	0.8	26.0	6.5	11.0	0.6	26.0	7.5	15.5	0.6
684	0.68	20.0	5.0	9.0	0.6	20.5	7.5	11.5	0.6	26.0	7.5	12.5	0.6	32.0	8.0	16.0	0.6
105	1.0	20.0	7.0	11.0	0.6	25.0	7.0	12.0	0.6	32.0	7.5	14.0	0.6	32.0	9.5	18.5	0.8
225	2.2	25.0	8.0	12.0	0.6	26.0	11.5	15.5	0.8	37.5	10.5	17.0	0.8	37.5	13.5	21.5	1.0
335	3.3	25.0	9.5	16.0	0.8	26.0	14.0	18.5	0.8	37.5	13.0	20.5	1.0	47.5	17.0	26.5	1.0
405	4.0	31.0	8.0	15.0	0.6	32.0	13.5	17.5	0.8	37.5	14.0	22.0	1.0	47.5	15.5	23.5	1.0
475	4.7	31.0	9.0	15.5	0.8	32.0	13.5	19.5	0.8	37.5	15.0	24.5	1.0	47.5	17.5	25.0	1.0
565	5.6	31.0	10.0	17.0	0.8	32.0	15.0	21.0	1.0	47.5	13.5	23.0	1.0	57.5	16.5	24.5	1.0
685	6.8	31.0	11.0	18.5	0.8	37.5	14.0	22.0	1.0	57.5	13.0	22.5	1.0	57.5	18.5	26.5	1.0
825	8.2	31.0	12.5	19.0	0.8	37.5	15.5	23.5	1.0	57.5	14.5	24.0	1.0	57.5	20.5	28.5	1.0
106	10.0	31.0	14.5	21.0	1.0	37.5	17.5	26.5	1.0	57.5	16.0	27.0	1.0	57.5	22.7	30.5	1.0
156	15.0	46.0	15.0	22.0	1.0	47.5	17.5	27.0	1.0	57.5	20.0	31.0	1.0	57.5	27.0	37.0	1.0
226	22.0	46.0	17.5	25.0	1.0	47.5	22.0	33.0	1.0	67.5	22.0	33.0	1.0	--	--	--	--
336	33.0	56.0	19.0	27.0	1.0	57.5	23.5	34.5	1.0	--	--	--	--	--	--	--	--
476	47.0	56.0	24.5	31.0	1.0	56.0	32.0	39.0	1.0	--	--	--	--	--	--	--	--
686	68.0	56.0	29.0	35.0	1.0	61.0	37.5	45.0	1.0	--	--	--	--	--	--	--	--

Kingtronics® International Company

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HOW TO ORDER

<u>FKT</u>	<u>AB</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.

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