Kingtronics®

FKT-CBB61

Motor Capacitor CBB61

FEATURES

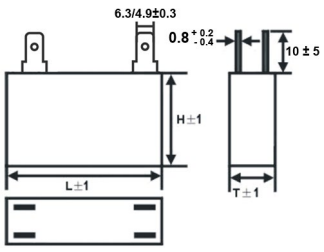
- Electrical apparatus use metalized film with precisely quality control
- Low D.F. (dissipation factor), lower temperature rise.
- High I.R. (insulation resistance) small size
- High safety & high reliability
- Durability and characteristics of frequency, etc

SPECIFICATIONS

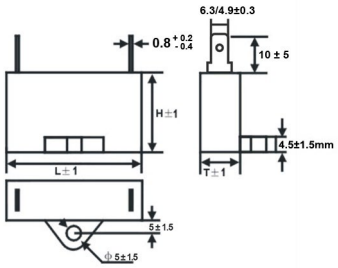
Operating Condition	-40℃ ~ +85℃
Capacitance Range	1μF ~ 20μF(FKT-B~D、FKT-5~7、FKT-9)
Capacitance Tolerance	J(±5%)、K(±10%)
Rated Voltage	250V 450V (AC)
Withstand Voltage	AC≥2U_R 2S(Imax≤1.3 InA)
Dissipation Factor	≤0.003 1KHz(FKT-B~D、FKT-5~7、FKT-9)
Insulation Resistance	≥3000S

DRAWING:

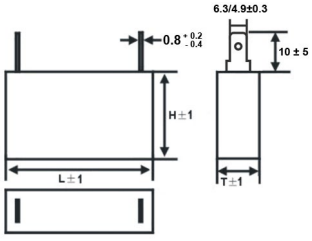
FKT-B



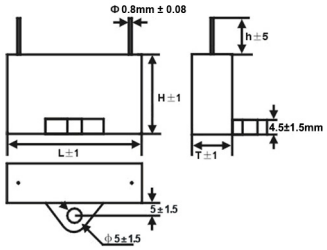
FKT-C



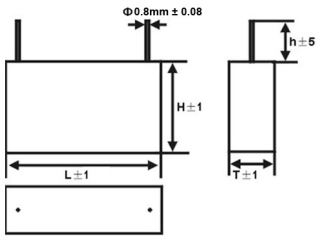
FKT-D



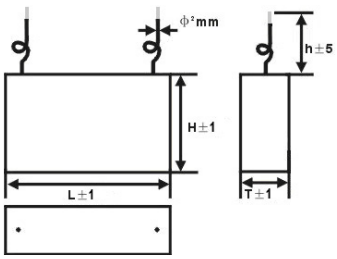
FKT-5



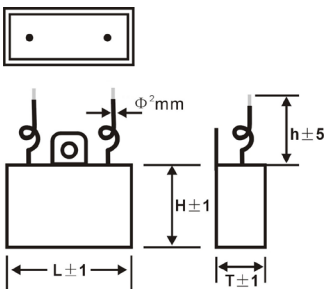
FKT-6



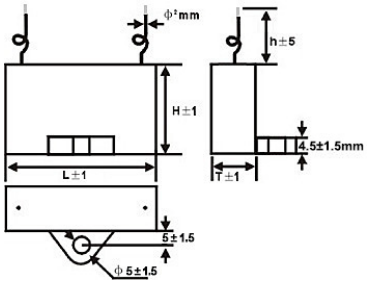
FKT-7



FKT-8



FKT-9



Remark:

For FKT-7, FKT-8, FKT-9 Two wires leads maybe will not in center position, different wire position does not make any change in capacitors installation and electrical performance.

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

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FKT-CBB61

Motor Capacitor CBB61

Dimensions For Motor Running Capacitors CBB61 (mm)

CAP	FKT-C, FKT-5						FKT-B, FKT-D					
	250VAC			450VAC			250VAC			450VAC		
μF	L	T	H	L	T	H	L	T	H	L	T	H
0.5	26.5	12.5	21	26.5	12.5	21	26.5	12	20	25.5	12	20
1	26.5	12.5	21	32	14	24	26.5	12	20	32	14	25
2	32	14	24	37	17	28	32	14	25	37	17	28
2.5	32	14	24	37	17	28	32	14	25	37	17	28
3	32	14	24	38	20	30	32	14	25	38	20	30
5	37	17	28	47	20	34	37	17	28	47	20	34
6	37	17	28	47	23	34	37	17	28	47	23	34
8	47	17.5	33	47	28	34	47	18	32	47	28	34
10	47	17.5	33	47	32	40	47	18	32	47	30	40
12	47	23	34	47	32	43	47	23	34	--	--	--
15	47	25	34	--	--	--	47	25	34	--	--	--
20	47	28	37	--	--	--	47	28	37	--	--	--

CAP	FKT-6								FKT-7					
	250VAC				450VAC				250VAC			450VAC		
μF	L	T	H	P	L	T	H	P	L	T	H	L	T	H
0.5	32	10	20	27.5	32	10	20	27.5	32	10	20	32	10	20
1.0	32	10	20	27.5	36	10	20	31.5	32	10	20	36	10	20
1.2	36	10	20	31.5	36	11	22	31.5	36	10	20	36	11	22
1.5	36	10	20	31.5	36	12	22	31.5	36	10	20	36	12	22
1.8	36	11	22	31.5	36	12	22	31.5	36	11	22	36	12	22
2.0	36	11	22	31.5	37	13	23	31.5	36	11	22	37	13	23
2.5	37	12	21	31.5	38	15	25	31.5	37	12	21	38	15	25
3.0	37	13	23	31.5	38	17	28	31.5	37	13	23	38	17	28
3.5	38	15	25	31.5	38	18.5	29	31.5	38	15	25	38	18.5	29
4.0	38	17	28	31.5	38	18.5	29	31.5	38	17	28	38	18.5	29
4.5	38	17	28	31.5	38	21	32	31.5	38	17	28	38	21	32
5.0	38	18.5	29	31.5	38	21	32	31.5	38	18.5	29	38	21	32
6.0	38	19.5	31	31.5	38	21	32	31.5	38	19.5	31	38	21	32
7.0	38	21	32	31.5	47	23	35	41.5	38	21	32	47	23	35
8.0	38	21	32	31.5	47	23	35	41.5	38	21	32	47	23	35
10.0	47	23	35	41.5	47	23	35	41.5	47	23	35	47	23	35
12.0	47	23	35	41.5	48	33	45	41.5	47	23	35	48	33	45
15.0	47	23	35	41.5	48	33	45	41.5	47	23	35	48	33	45
16.0	47	23	35	41.5	57	32	44	51.5	47	23	35	57	32	44
18.0	47	23	35	41.5	57	32	44	51.5	47	23	35	57	32	44
20.0	48	33	45	41.5	57	32	44	51.5	48	33	45	57	32	44

CAP	FKT-9													
	250VAC			450VAC				250VAC			450VAC			
(μF)	L	T	H	L	T	H	(μF)	L	T	H	L	T	H	
0.5	32	10	20	32	10	20	5.0	38	18.5	29	38	24	33	
1.0	32	10	20	36	10	20	6.0	38	19.5	31	38	24	33	
1.2	36	10	20	36	11	22	7.0	38	21	32	47	23	35	
1.5	36	10	20	36	12	22	8.0	38	24	33	47	26	38	
1.8	36	11	22	36	12	22	10.0	47	23	35	47	26	38	
2.0	36	11	22	37	13	23	12.0	47	23	35	48	33	45	
2.5	37	12	21	38	15	25	15.0	47	26	38	48	33	45	
3.0	37	13	23	38	17	28	16.0	47	26	38	57	32	44	
3.5	38	15	25	38	18.5	29	18.0	47	26	38	57	32	44	
4.0	38	17	28	38	18.5	29	20.0	48	33	45	57	32	44	
4.5	38	17	28	38	21	32								

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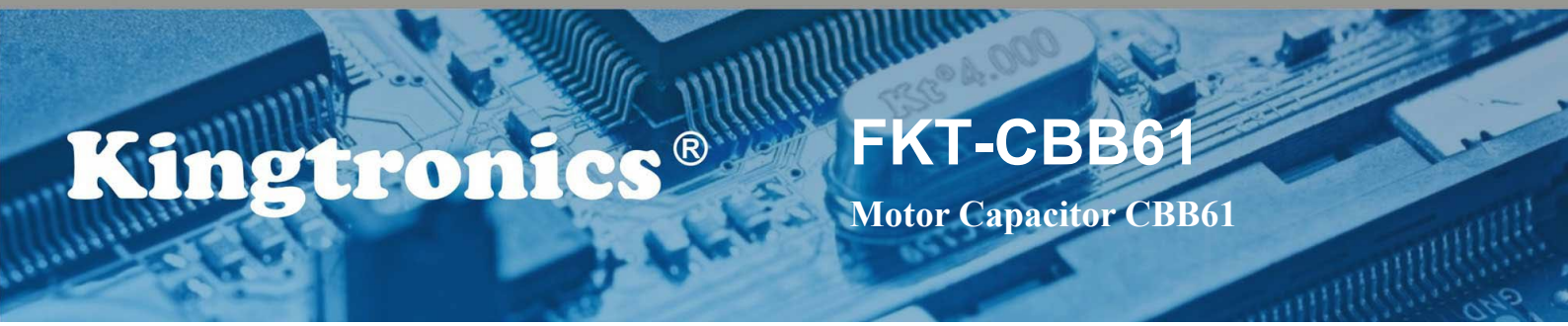

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Motor Capacitor CBB61

HOW TO ORDER

FKT	6	E2	105	K	000	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	E2	S2
Voltage	250 VAC	450 VAC

2. Capacitance

Code	105	125	205	305	505	605	805
Capacitance	1μF	1.2μF	2μF	3μF	5μF	6μF	8μF
Code	106	126	156	166	186	206	
Capacitance	10μF	12μF	15μF	16μF	18μF	20μF	

3. Capacitance Tolerance

Code	J	K
Tolerance	±5%	±10%

4. Pitch

Code	000
Pitch (mm)	Standard

5. Lead Length

Code	000
Lead Length	Standard

6. Packing

Code	B
Packing	Bulk

7. Pb

Code	R
Pb	RoHS

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