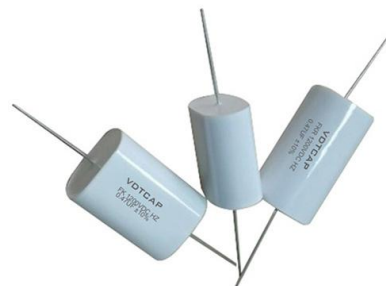


▲主要应用/Application

广泛应用于 UPS，逆变器，感应加热，

电焊机等设备的 IGBT 模块吸收保护。

Widely used in UPS，inverter，induction heaters，
welding machine for IGBT snubber protection.



▲产品特点/Characteristics

·金属化聚丙烯薄膜，轴向

·自愈性能优异

·外包聚酯胶带纸，两端灌注阻燃性环氧树脂

·损耗小，内部温升小

·Metallized polypropylene film，Axial-type

·Excellent self-healing property

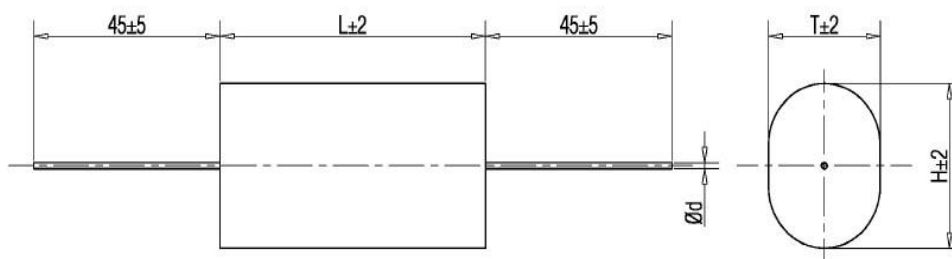
·Wrapped with polyester adhesive tape and ends
filled with flame retardant epoxy resin

·Low loss and small inherent temperature rise

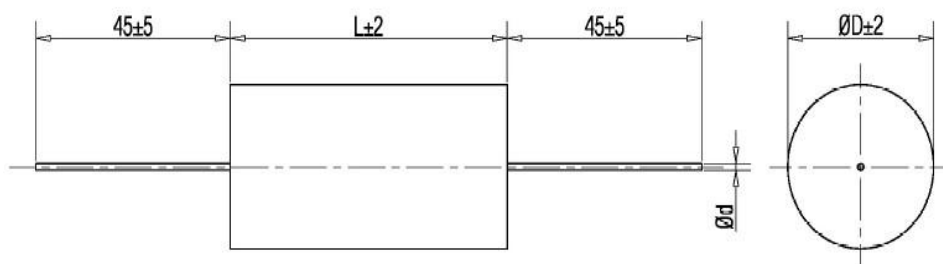
▲技术性能/Specifications

引用标准/Reference standards	IEC 61071
工作温度范围/Operating temperature range	-40~105℃
容量范围/Capacitance	0.0068 ~ 8.5μF
额定电压 /Rated Voltage	700 ~ 3000VDC
容量偏差 /Tolerance	J(±5%), K(±10%), M(±20%)
极间耐电压 /Test voltage between terminals	1.6Ur(DC) 10s 25±5℃
损耗角正切/Dissipation factor	≤0.0005 (1kHz , 20℃
绝缘电阻/Insulation resistance	C*IR≥30000S, at 100VDC,25±5℃,60S
预期寿命/Life expectancy	100000h at Ur and 70℃

▲外形图 Outline Drawing



Style:FK



Style:FKR

▲Technical Data

Cap (μF)	Dimension (mm)					du/dt (v/μs)	Ipeak (A)	Irms@60°C @10kHz(A)	ESR@10k Hz(mΩ)	Ordering Code
	L	Round	Flat, oval	d						
		D	T		H					
Un 700VDC , Urms 380VAC, Us 1050V										
0.22	32	-	7.9	14.3	0.8	480	106	5.5	9.9	170FK224K1
0.33	32	14.2	9.5	17.5	0.8	480	158	6	6.9	170FK(R)334K1
0.47	32	16.6	11.9	19.9	0.8	480	226	8	4.7	170FK(R)474K1
0.68	32	19.7	14.9	22.9	1.0	480	326	9	3.9	170FK(R)684K1
0.68	44	15.6	10.9	18.9	1.0	325	221	9	4.4	170FK(R)684K2
1.0	44	18.7	13.9	21.9	1.2	325	325	9	3.9	170FK(R)105K1
1.5	44	22.6	16.3	27.5	1.2	325	488	12	3.3	170FK(R)155K1
2.0	44	25.9	19.5	30.7	1.2	325	650	12	3.0	170FK(R)205K1
2.2	44	27.1	20.7	31.9	1.2	325	715	12	2.9	170FK(R)225K1
2.2	57	22.6	16.3	27.5	1.2	240	528	12	3.8	170FK(R)225K2
2.5	44	28.8	22.4	33.6	1.2	325	813	12	3.5	170FK(R)255K1
2.5	57	24.0	17.7	28.9	1.2	240	600	12	3.8	170FK(R)255K2
3.0	44	31.4	25.0	36.2	1.2	325	975	12	3.1	170FK(R)305K1
3.0	57	26.2	19.8	31.0	1.2	240	720	12	3.3	170FK(R)305K2
3.3	44	32.9	26.4	37.6	1.2	325	1073	12	2.9	170FK(R)335K1
3.5	57	28.2	21.8	33.0	1.2	240	840	12	2.7	170FK(R)355K1
4.0	57	30.0	23.6	34.8	1.2	240	960	12	2.6	170FK(R)405K1
4.7	57	32.5	26.0	37.2	1.2	240	1128	12	2.5	170FK(R)475K1
5.6	57	35.4	28.8	40.0	1.2	240	1344	12	2.3	170FK(R)565K1
6.8	57	38.9	-	-	1.2	240	1632	12	2.0	170FKR685K1
8.5	57	43.3	-	-	1.2	240	2040	12	1.6	170FKR855K1
Un 850VDC , Urms 450VAC , Us 1275V										
0.10	32	-	5.9	12.3	0.8	700	70	4	11.5	185FK104K1
0.15	32	-	7.6	14.0	0.8	700	105	5.5	8.6	185FK154K1
0.22	32	13.7	9.1	17.1	0.8	700	154	6.5	6.5	185FK(R)224K1
0.22	44	11.1	7.1	13.5	0.8	400	88	6.5	7.9	185FK(R)224K2
0.33	32	16.4	11.7	19.7	1.0	700	231	8	4.8	185FK(R)334K1
0.33	44	13.2	8.5	16.5	1.0	400	132	7.5	6.2	185FK(R)334K2
0.47	32	19.3	14.6	22.6	1.0	700	329	9	9.5	185FK(R)474K1
0.47	44	15.4	10.7	18.7	1.0	400	188	9	5.3	185FK(R)474K2
0.68	44	18.2	13.5	21.5	1.0	400	272	9	3.2	185FK(R)684K1
1.0	44	21.8	15.6	26.8	1.2	400	400	12	3.3	185FK(R)105K1
1.5	44	26.4	20.1	31.3	1.2	400	600	12	2.8	185FK(R)155K1
2.0	44	30.4	23.9	35.1	1.2	400	800	12	3.0	185FK(R)205K1
2.2	44	31.8	25.3	36.5	1.2	400	880	12	2.3	185FK(R)225K1
2.2	57	26.5	20.1	31.3	1.2	290	638	12	2.8	185FK(R)225K2
2.5	44	33.8	27.3	38.5	1.2	400	1000	12	2.6	185FK(R)255K1
2.5	57	28.1	21.7	32.9	1.2	290	725	12	2.8	185FK(R)255K2
3.0	57	30.7	24.3	35.5	1.2	290	870	12	2.6	185FK(R)305K1
3.3	57	32.2	25.7	36.9	1.2	290	957	12	2.4	185FK(R)335K1
4.0	57	35.3	28.8	40.0	1.2	290	1160	12	2.3	185FK(R)405K1
4.7	57	38.2	-	-	1.2	290	1363	12	2.0	185FKR475K1
5.6	57	41.6	-	-	1.2	290	1624	12	1.7	185FKR565K1

▲Technical Data

Cap (μF)	Dimension (mm)					du/dt (v/μs)	Ipeak (A)	Irms@60°C @10kHz(A)	ESR@10k Hz(mΩ)	Ordering Code
	L	Round	Flat, oval		d					
		D	T	H						
Un 1000VDC , Urms 480VAC , Us 1500V										
0.10	32	-	7.7	12.5	0.8	850	85	5	12	210FK104K1
0.15	32	-	9.1	15.5	0.8	850	128	6	8.2	210FK154K1
0.22	32	15.6	10.9	18.9	1.0	850	187	7	7.8	210FK(R)224K1
0.33	32	18.7	14.0	22.0	1.0	850	281	9	4.5	210FK(R)334K1
0.33	44	14.9	10.2	18.2	1.0	570	188	9	5.8	210FK(R)334K2
0.47	32	22.1	15.9	27.1	1.0	850	400	9	3.8	210FK(R)474K1
0.47	44	17.5	12.8	20.8	1.0	570	268	9	4.7	210FK(R)474K2
0.68	44	20.8	14.6	25.8	1.0	570	388	9	4.0	210FK(R)684K1
1.0	44	25.0	18.6	29.8	1.2	570	570	12	3.2	210FK(R)105K1
1.5	44	30.3	23.9	35.1	1.2	570	855	12	3.6	210FK(R)155K1
1.5	57	25.2	18.9	30.1	1.2	340	510	12	3.9	210FK(R)155K2
2.0	57	29.0	22.6	33.8	1.2	340	680	12	3.0	210FK(R)205K1
2.2	57	30.3	23.9	35.1	1.2	340	748	12	2.7	210FK(R)225K1
3.0	57	35.3	28.7	39.9	1.2	340	1020	12	2.4	210FK(R)305K1
3.3	57	36.9	32.9	39.3	1.2	340	1122	12	2.1	210FK(R)335K1
4.0	57	40.6	-	-	1.2	340	1360	12	1.8	210FKR405K1
4.7	57	43.9	-	-	1.2	340	1598	12	1.6	210FKR475K1
Un 1200VDC , Urms 500VAC, Us 1800V										
0.047	32	-	5.5	10.3	0.8	1100	52	3	19.4	212FK473K1
0.068	32	-	6.9	11.7	0.8	1100	75	3.5	12.0	212FK683K1
0.10	32	-	11.0	18.0	0.8	1100	110	5	10.7	212FK104K1
0.10	34	10.7	6.7	13.1	0.8	840	84	5	11.8	212FK(R)104K2
0.15	32	14.3	9.6	17.6	1.0	1100	165	6	7.7	212FK(R)154K1
0.15	44	11.5	7.5	13.9	1.0	650	98	6	10.0	212FK(R)154K2
0.22	32	17.0	12.3	20.3	1.0	1100	242	9	5.4	212FK(R)224K1
0.22	44	13.6	8.9	16.9	1.0	650	143	9	7.6	212FK(R)224K2
0.33	32	20.5	15.7	23.7	1.0	1100	363	9	4.5	212FK(R)334K1
0.33	44	16.3	11.6	19.6	1.0	650	215	9	5.4	212FK(R)334K2
0.47	37	21.3	15.1	26.3	1.0	840	395	9	4.0	212FK(R)474K1
0.47	44	-	17.5	27.1	1.0	840	395	9	4.0	212FK474K2
0.47	44	19.7	14.4	22.4	1.0	650	306	9	4.8	212FK(R)474K3
0.68	37	25.4	19.0	30.2	1.2	840	571	12	2.9	212FK(R)684K1
0.68	44	-	21.7	31.1	1.2	840	571	12	2.9	212FK684K2
0.68	44	22.8	16.5	27.7	1.2	650	442	12	3.9	212FK(R)684K3
1.0	44	27.4	21.0	32.2	1.2	650	650	12	3.4	212FK(R)105K1
1.0	45	-	24	32	1.2	650	650	12	3.4	212FK105K2
1.0	57	22.8	16.5	27.7	1.2	485	485	12	3.8	212FK(R)105K3
1.2	44	29.9	23.4	34.6	1.2	650	780	12	3.0	212FK(R)125K1
1.2	57	24.9	18.5	29.7	1.2	485	462	12	3.4	212FK(R)125K2
1.5	44	33.3	26.8	38.0	1.2	650	975	12	2.7	212FK(R)155K1
1.5	54	-	27.6	40.0	1.2	650	975	12	2.7	212FK155K2
1.5	57	27.7	21.3	32.5	1.2	485	578	12	3.0	212FK(R)155K3
2.0	57	31.8	25.3	36.5	1.2	485	770	12	2.6	212FK(R)205K1
2.2	57	33.3	26.8	38.0	1.2	485	847	12	2.5	212FK(R)225K1
2.5	57	35.4	28.9	40.1	1.2	485	963	12	2.3	212FK(R)255K1
3.0	57	38.7	-	-	1.2	485	1155	12	2.0	212FKR305K1
3.3	57	40.6	-	-	1.2	485	1270	12	1.7	212FKR335K1
4.0	57	44.6	-	-	1.2	485	1540	12	1.5	212FKR405K1

▲Technical Data

Cap (μ F)	Dimension (mm)					du/dt (v/ μ s)	Ipeak (A)	Irms@60°C @10kHz(A)	ESR@10k Hz(m Ω)	Ordering Code
	L	Round	Flat, oval	d						
		D	T		H					
Un 1700VDC , Urms 575VAC, Us 2550V										
0.033	32	-	5.9	12.3	0.8	1350	45	3.9	24.6	217FK333K1
0.047	32	-	7.4	13.8	0.8	1350	63	4.0	18.2	217FK473K1
0.10	32	15.8	11.1	19.1	0.8	1350	135	5.7	9.3	217FK(R)104K1
0.15	32	19.1	14.3	22.3	1.0	1350	203	8.0	7.0	217FK(R)154K1
0.22	32	22.8	16.5	27.7	1.0	1350	297	9.0	5.2	217FK(R)224K1
0.22	44	18.1	13.3	21.3	1.0	880	194	9.0	6.8	217FK(R)224K2
0.33	44	21.8	15.6	26.8	1.0	880	290	9.0	4.9	217FK(R)334K1
0.47	44	25.8	19.5	30.7	1.2	880	414	12	4.0	217FK(R)474K1
0.68	44	30.8	24.4	35.6	1.2	880	598	12	3.5	217FK(R)684K1
1.0	44	37.2	30.6	41.8	1.2	880	880	12	3.0	217FK(R)105K1
1.0	57	30.9	24.4	35.6	1.2	610	610	12	3.4	217FK(R)105K2
1.2	57	33.8	27.2	38.4	1.2	610	732	12	3.1	217FK(R)125K1
1.5	57	37.6	-	-	1.2	610	915	12	2.6	217FK(R)155K1
2.0	57	43.3	-	-	1.2	610	1220	12	2.4	217FK(R)205K1
Un 2000VDC , Urms 630VAC, Us 3000V										
0.022	32	-	5.4	11.8	0.8	1750	39	2.5	34.5	220FK223K1
0.033	32	-	7.0	13.4	0.8	1750	58	3.5	23.7	220FK333K1
0.047	32	-	8.1	16.1	0.8	1750	82	4.5	16.8	220FK473K1
0.047	44	10.4	6.4	12.8	0.8	1000	47	4	21.0	220FK(R)473K1
0.068	32	15.0	10.3	18.3	1.0	1750	119	5.5	11.8	220FK(R)683K1
0.068	44	12.1	8.1	14.5	0.8	1000	68	5.5	16.3	220FK(R)683K2
0.10	32	17.8	13.1	21.1	1.0	1750	175	7.5	8.4	220FK(R)104K1
0.10	44	14.2	9.6	17.6	1.0	1000	100	7	12.4	220FK(R)104K2
0.15	44	17.1	12.4	20.4	1.0	1000	150	9	6.6	220FK(R)154K1
0.22	44	20.4	15.6	23.6	1.0	1000	220	9	6.0	220FK(R)224K1
0.33	44	24.7	18.4	29.6	1.2	1000	330	12	4.7	220FK(R)334K1
0.47	44	29.9	23.4	34.6	1.2	1000	473	12	3.9	220FK(R)474K1
0.56	44	32.4	25.9	37.1	1.2	1000	560	12	3.6	220FK(R)565K1
0.56	57	26.5	20.1	31.3	1.2	640	358	12	4.5	220FK(R)564K2
0.68	57	29.1	22.7	33.9	1.2	640	435	12	4.0	220FK(R)684K1
1.0	57	35.1	28.6	39.8	1.2	640	640	12	3.3	220FK(R)105K1
1.2	57	38.3	-	-	1.2	640	768	12	3.0	220FKR125K1
1.5	57	42.8	-	-	1.2	640	960	12	2.2	220FKR155K1
Un 2500VDC , Urms 700VAC, Us 3750V										
0.022	32	-	6.9	13.3	0.8	2150	47	3.5	24.0	225FK223K1
0.033	32	-	8.2	16.2	0.8	2150	71	4	22.7	225FK333K1
0.047	32	15.0	10.3	18.3	0.8	2150	101	5	15.5	225FK(R)473K1
0.068	32	17.3	13.0	21.0	1.0	2150	146	6.5	11.1	225FK(R)683K1
0.10	32	21.3	15.0	26.2	1.0	2150	215	8.5	7.8	225FK(R)104K1
0.10	44	16.9	12.1	20.1	1.0	1350	135	8.5	12.2	225FK(R)104K2
0.15	44	20.4	15.6	23.6	1.0	1350	203	9	8.1	225FK(R)154K1
0.22	44	24.4	18.1	29.3	1.2	1350	297	11	5.9	225FK(R)224K1
0.33	44	29.6	23.2	34.4	1.2	1350	446	12	4.5	225FK(R)334K1
0.33	57	24.7	18.3	29.5	1.2	880	290	12	5.4	225FK(R)334K2
0.47	57	29.2	22.8	34.0	1.2	880	414	12	4.4	225FK(R)474K1
0.68	57	34.9	28.4	39.6	1.2	880	598	12	3.7	225FK(R)684K1
0.82	57	38.3	-	-	1.2	880	722	12	3.3	225FKR824K1
1.0	57	42.2	-	-	1.2	880	880	12	2.8	225FKR105K1

▲Technical Data

Cap (μF)	Dimension (mm)					du/dt (v/μs)	Ipeak (A)	Irms@60°C @10kHz(A)	ESR@10k Hz(mΩ)	Ordering Code
	L	Round	Flat, oval		d					
		D	T	H						
Un 3000VDC , Urms 750VACc , Us 4500V										
0.0068	32	-	5.1	9.9	0.8	2750	19	1.5	89.0	230FK682K1
0.010	32	-	5.9	12.3	0.8	2750	28	2	61.0	230FK103K1
0.015	32	-	7.1	13.5	0.8	2750	41	3	42.5	230FK153K1
0.022	32	13.1	8.4	16.4	0.8	2750	61	4	28.5	230FK(R)223K1
0.033	32	15.7	11.0	19.0	1.0	2750	91	5	19.7	230FK(R)333K1
0.047	32	18.4	13.7	21.7	1.0	2750	129	6.5	13.8	230FK(R)473K1
0.047	44	14.7	10.0	18.0	1.0	1600	75	6	17.8	230FK(R)473K2
0.068	44	17.3	12.6	20.6	1.0	1600	109	8	12.8	230FK(R)683K1
0.10	44	20.7	14.5	25.7	1.2	1600	160	11	9.4	230FK(R)104K1
0.15	44	25.1	18.8	30.0	1.2	1600	240	12	6.8	230FK(R)154K1
0.22	44	30.2	23.7	34.9	1.2	1600	352	12	5.2	230FK(R)224K1
0.22	57	25.1	18.8	30.0	1.2	990	218	12	5.9	230FK(R)224K2
0.33	57	30.5	24.1	35.3	1.2	990	327	12	4.9	230FK(R)334K1
0.39	57	33.1	26.6	37.8	1.2	990	386	12	4.4	230FK(R)394K1
0.47	57	36.3	34	45	1.2	990	465	12	4.0	230FK(R)474K1
0.68	57	43.4	-	-	1.2	990	673	12	3.5	230FK(R)684K1
1.0	64	-	45	55	1.2	990	750	12	3.3	230FK105K1

*可根据用户需求，提供定制产品。*Special design available to meet your requirements.