

GENERAL TECHNICAL CHARACTERISTICS 技术特性

Reference standards 参考标准	IEC 61071
Dielectric 介质材料	Polypropylene film
Construction 封装结构	Dry construction, Non-inductive type
Case 外壳材料	Solvent resistant plastic case with resin sealing. Flame retardant execution (UL94V-0).
Leads 引出端	Tinned copper wire, 2 leads, 4 leads, 6 leads

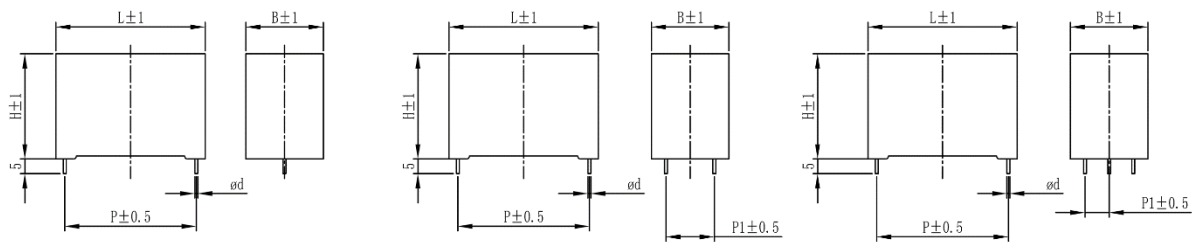
ELECTRICAL CHARACTERISTICS 电气特性

Operating temperature 工作温度范围	- 40 to + 85 °C
Capacitance range 容量范围	0.0047 to 5.6 μ F
Rated voltage range 额定电压	700 to 3000 Vdc
Capacitance tolerance 容量偏差	$\pm 5\%$, $\pm 10\%$
Dissipation factor 损耗角正切	$\leq 6.0 \times 10^{-4}$ Measured at 1000 Hz and 20 $\pm 5^\circ$ C
Life expectancy 预期寿命	100,000 hours at U_{NDC} and 70 °C (Hot-spot temperature)

TEST METHODS AND PERFORMANCES 测试方法

Dielectric strength 介质强度	$1.5 \times U_{NDC}$ applied to 10s at 20 $\pm 5^\circ$ C
Test voltage terminal to case 端壳耐压	3KVAC/50Hz for 10s
Insulation resistance($IR \cdot C_N$) 绝缘电阻	30000s but need not exceed 30G Ω , after 1 minute of electrification at 100VDC (20 $\pm 5^\circ$ C)

OUTLINE DRAWING 外形图



HOW TO ORDER:

K8B	102D	224	K	S	N	2	V	***
Series Code:	Voltage:	Capacitance:	Cap. Tol.:	Shape:	Leads:	Style:	Lead Space:	Internal
K8B:	101D: 100Vdc	104: 0.1 μ F	J: $\pm 5\%$,	S: Square	N: Tinned	2: 2 leads	T: 22.5mm	Code
ASB Series	102D: 1000Vdc	103: 0.01 μ F	K: $\pm 10\%$		copper wire	4: 4 leads	V: 27.5mm	
						6: 6 leads	F: 37.5mm	
							G: 52.5mm	

ELECTRICAL SPECIFICATION 规格型号参考

Unit: mm

Part Number	Cap (μF)	Dimension						Du/dt (v/μs)	Ipeak (A)	Imax @60°C @10KHz (A)	ESR @100KHz (mΩ)
		L	B	H	P	P1	d				
U _{NDC} 700Vdc, Urms 380Vac, Us 1050Vdc											
K8B701D104KSN2T***	0.10	26.5	8.5	17.0	22.5		0.8	600	60	3.6	21.3
K8B701D154KSN2T***	0.15	26.5	10.0	18.5	22.5		0.8	600	90	5	16.3
K8B701D224KSN2T***	0.22	26.5	11.0	20.0	22.5		0.8	600	132	6.5	11.5
K8B701D224KSN2V***	0.22	31.0	11.0	20.0	27.5		1.0	485	107	6.5	15.2
K8B701D334KSN2V***	0.33	31.0	13.0	22.0	27.5		1.0	485	160	8.5	11.2
K8B701D474KSN2V***	0.47	31.0	15.0	24.5	27.5		1.0	485	228	9	6.9
K8B701D684KSN2V***	0.68	31.0	17.0	28.0	27.5		1.2	485	330	12	5.5
K8B701D684KSN4V***	0.68	31.0	17.0	28.0	27.5	5.1	1.2	485	330	16	4.6
K8B701D824KSN4V***	0.82	31.0	17.0	28.0	27.5	10.2	1.2	485	398	12	4.8
K8B701D824KSN2F***	0.82	42.5	15.0	26.0	37.5		1.2	325	267	12	5.1
K8B701D105KSN2V***	1.0	31.0	22.0	31.0	27.5		1.2	485	485	12	4.8
K8B701D105KSN4V***	1.0	31.0	22.0	31.0	27.5	10.2	1.2	485	485	19	3.9
K8B701D105KSN2F***	1.0	42.5	17.0	28.0	37.5		1.2	325	325	12	4.9

Remark: 1. *** Internal code

2. Customization for special specification and requirement is available.

ELECTRICAL SPECIFICATION 规格型号参考

Unit: mm

Part Number	Cap (μF)	Dimension						Du/dt (v/μs)	Ipeak (A)	Imax @60°C @10KHz (A)	ESR @100KHz (mΩ)
		L	B	H	P	P1	d				
U _{NDc} 700Vdc, Urms 380Vac, Us 1000Vdc											
K8B701D155KSN2F***	1.5	42.5	22.0	30.0	37.5		1.2	325	488	12	4.8
K8B701D155KSN4F***	1.5	42.5	22.0	30.0	37.5	10.2	1.2	325	488	19	5.2
K8B701D205KSN2F***	2.0	42.5	28.0	37.0	37.5		1.2	325	650	12	4.5
K8B701D205KSN4F***	2.0	42.5	28.0	37.0	37.5	10.2	1.2	325	650	22	4.3
K8B701D225KSN2F***	2.2	42.5	28.0	37.0	37.5		1.2	325	715	12	4.2
K8B701D225KSN4F***	2.2	42.5	28.0	37.0	37.5	20.3	1.2	325	715	22	3.8
K8B701D305KSN2F***	3.0	42.5	30.0	45.0	37.5		1.2	325	975	12	3.9
K8B701D305KSN4F***	3.0	42.5	30.0	45.0	37.5	20.3	1.2	325	975	22	3.6
K8B701D305KSN6F***	3.0	42.5	30.0	45.0	37.5	10.2	1.2	325	975	27	3.5
K8B701D335KSN2F***	3.3	42.5	30.0	45.0	37.5		1.2	325	1073	12	3.8
K8B701D335KSN4F***	3.3	42.5	30.0	45.0	37.5	20.3	1.2	325	1073	22	3.6
K8B701D335KSN6F***	3.3	42.5	30.0	45.0	37.5	10.2	1.2	325	1073	27	3.2
K8B701D405KSN2F***	4.0	42.5	33.0	45.0	37.5		1.2	325	1300	13	3.2
K8B701D405KSN4F***	4.0	42.5	33.0	45.0	37.5	20.3	1.2	325	1300	23	3.1
K8B701D405KSN6F***	4.0	42.5	33.0	45.0	37.5	10.2	1.2	325	1300	28	3.0
K8B701D405KSN2G***	4.0	57.5	30.0	45.0	52.5		1.2	200	800	12	4.5
K8B701D405KSN4G***	4.0	57.5	30.0	45.0	52.5	20.3	1.2	200	800	22	3.6
K8B701D405KSN6G***	4.0	57.5	30.0	45.0	52.5	10.2	1.2	200	800	27	3.6
K8B701D475KSN2G***	4.7	57.5	30.0	45.0	52.5		1.2	200	940	12	4.5
K8B701D475KSN4G***	4.7	57.5	30.0	45.0	52.5	20.3	1.2	200	940	22	4.2
K8B701D475KSN6G***	4.7	57.5	30.0	45.0	52.5	10.2	1.2	200	940	31	3.9
K8B701D505KSN2G***	5.0	57.5	30.0	45.0	52.5		1.2	200	1000	12	4.4
K8B701D505KSN4G***	5.0	57.5	30.0	45.0	52.5	20.3	1.2	200	1000	22	4.1
K8B701D505KSN6G***	5.0	57.5	30.0	45.0	52.5	10.2	1.2	200	1000	31	4.1
K8B701D565KSN2G***	5.6	57.5	35.0	50.0	52.5		1.2	200	1120	12	4.1
K8B701D565KSN4G***	5.6	57.5	35.0	50.0	52.5	20.3	1.2	200	1120	22	3.8
K8B701D565KSN6G***	5.6	57.5	35.0	50.0	52.5	10.2	1.2	200	1120	31	3.6
U _{NDc} 850Vdc, Urms 450Vac, Us 1275Vdc											
K8B851D683KSN2T***	0.068	26.5	8.5	17.0	22.5		0.8	850	58	3.5	21.5
K8B851D104KSN2T***	0.10	26.5	10.0	18.5	22.5		0.8	850	85	4.5	18.7
K8B851D154KSN2T***	0.15	26.5	11.0	20.0	22.5		0.8	850	128	6.5	11.2
K8B851D154KSN2V***	0.15	31.0	11.0	20.0	27.5		0.8	700	105	6.5	12.9
K8B851D224KSN2V***	0.22	31.0	13.0	22.0	27.5		1.0	700	154	8	9.6
K8B851D334KSN2V***	0.33	31.0	15.0	24.5	27.5		1.0	700	231	9	7.5
K8B851D474KSN2V***	0.47	31.0	18.0	33.0	27.5		1.2	700	329	12	5.9
K8B851D474KSN4V***	0.47	31.0	18.0	33.0	27.5	10.2	1.2	700	329	16	5.1
K8B851D564KSN2V***	0.56	31.0	18.0	33.0	27.5		1.2	700	392	18	4.7
K8B851D564KSN4V***	0.56	31.0	18.0	33.0	27.5	10.2	1.2	700	392	12	5.6
K8B851D564KSN2F***	0.56	42.5	15.0	26.0	37.5		1.2	400	224	12	5.7
K8B851D684KSN2V***	0.68	31.0	22.0	31.0	27.5		1.2	700	476	12	5.1
K8B851D684KSN4V***	0.68	31.0	22.0	31.0	27.5	10.2	1.2	700	476	19	4.2
K8B851D684KSN2F***	0.68	42.5	17.0	28.0	37.5		1.2	400	272	12	5.4
K8B851D105KSN2F***	1.0	42.5	22.0	30.0	37.5		1.2	400	400	12	5.1
K8B851D105KSN4F***	1.0	42.5	22.0	30.0	37.5	10.2	1.2	400	400	21	4.1
K8B851D155KSN2F***	1.5	42.5	28.0	37.0	37.5		1.2	400	600	12	4.2
K8B851D155KSN4F***	1.5	42.5	28.0	37.0	37.5	20.3	1.2	400	600	22	3.4
K8B851D205KSN2F***	2.0	42.5	30.0	45.0	37.5		1.2	400	800	12	3.8
K8B851D205KSN4F***	2.0	42.5	30.0	45.0	37.5	20.3	1.2	400	800	22	3.2
K8B851D205KSN6F***	2.0	42.5	30.0	45.0	37.5	10.2	1.2	400	800	26	3.2
K8B851D225KSN2F***	2.2	42.5	30.0	45.0	37.5		1.2	400	880	12	3.8
K8B851D225KSN4F***	2.2	42.5	30.0	45.0	37.5	20.3	1.2	400	880	22	3.2
K8B851D225KSN6F***	2.2	42.5	30.0	45.0	37.5	10.2	1.2	400	880	27	3.2
K8B851D255KSN2G***	2.5	57.5	30.0	45.0	52.5		1.2	275	688	12	4.5
K8B851D255KSN4G***	2.5	57.5	30.0	45.0	52.5	20.3	1.2	275	688	22	3.5

Remark: 1. *** Internal code.

2. Customization for special specification and requirement is available.

ELECTRICAL SPECIFICATION 规格型号参考

Unit: mm

Part Number	Cap (μF)	Dimension						Du/dt (v/μs)	Ipeak (A)	Imax @60℃ @10KHz (A)	ESR @100KHz (mΩ)
		L	B	H	P	P1	d				
U _{NDc} 850Vdc, Urms 450Vac, Us 1200Vdc											
K8B851D255KSN6G***	2.5	57.5	30.0	45.0	52.5	10.2	1.2	275	688	27	3.5
K8B851D305KSN2G***	3.0	57.5	30.0	45.0	52.5		1.2	275	825	12	4.1
K8B851D305KSN4G***	3.0	57.5	30.0	45.0	52.5	20.3	1.2	275	825	22	3.2
K8B851D305KSN6G***	3.0	57.5	30.0	45.0	52.5	10.2	1.2	275	825	27	3.2
K8B851D335KSN2G***	3.3	57.5	30.0	45.0	52.5		1.2	275	908	12	4.1
K8B851D335KSN4G***	3.3	57.5	30.0	45.0	52.5	20.3	1.2	275	908	22	3.2
K8B851D335KSN6G***	3.3	57.5	30.0	45.0	52.5	10.2	1.2	275	908	29	3.2
K8B851D405KSN2G***	4.0	57.5	35.0	50.0	52.5		1.2	275	1100	12	3.8
K8B851D405KSN4G***	4.0	57.5	35.0	50.0	52.5	20.3	1.2	275	1100	22	3.0
K8B851D405KSN6G***	4.0	57.5	35.0	50.0	52.5	10.2	1.2	275	1100	28	2.8
K8B851D475KSN2G***	4.7	57.5	35.0	50.0	52.5		1.2	275	1293	12	3.5
K8B851D475KSN4G***	4.7	57.5	35.0	50.0	52.5	20.3	1.2	275	1293	22	2.7
K8B851D475KSN6G***	4.7	57.5	35.0	50.0	52.5	10.2	1.2	275	1293	30	2.5
U _{NDc} 1000Vdc, Urms 480Vac, Us 1500Vdc											
K8B102D473KSN2T***	0.047	26.5	7.0	16.0	22.5		0.8	1000	47	3	29.7
K8B102D683KSN2T***	0.068	26.5	8.5	17.0	22.5		0.8	1000	68	2.3	23.5
K8B102D104KSN2T***	0.10	26.5	11.0	20.0	22.5		0.8	1000	100	5	14.5
K8B102D104KSN2V***	0.10	31.0	9.0	18.0	27.5		0.8	850	85	5	17.8
K8B102D154KSN2T***	0.15	26.5	12.0	22.0	22.5		0.8	1000	150	6.5	11.3
K8B102D154KSN2V***	0.15	31.0	11.0	20.0	27.5		0.8	850	128	6.5	12.5
K8B102D224KSN2V***	0.22	31.0	15.0	24.5	27.5		1.0	850	187	9	9.8
K8B102D334KSN2V***	0.33	31.0	17.0	28.0	27.5		1.0	850	281	9	8.3
K8B102D474KSN2V***	0.47	31.0	18.0	33.0	27.5		1.2	850	400	12	5.6
K8B102D474KSN4V***	0.47	31.0	18.0	33.0	27.5	10.2	1.2	850	400	16	4.7
K8B102D474KSN2F***	0.47	42.5	17.0	28.0	37.5		1.2	570	268	12	7.0
K8B102D564KSN2F***	0.56	42.5	17.0	28.0	37.5		1.2	570	319	12	6.3
K8B102D684KSN2F***	0.68	42.5	22.0	30.0	37.5		1.2	570	388	12	5.9
K8B102D684KSN4F***	0.68	42.5	22.0	30.0	37.5	10.2	1.2	570	388	19	5.1
K8B102D824KSN2F***	0.82	42.5	22.0	30.0	37.5		1.2	570	467	12	5.4
K8B102D824KSN4F***	0.82	42.5	22.0	30.0	37.5	10.2	1.2	570	467	22	4.8
K8B102D105KSN2F***	1.0	42.5	28.0	37.0	37.5		1.2	570	570	12	5.1
K8B102D105KSN4F***	1.0	42.5	28.0	37.0	37.5	10.2	1.2	570	570	22	4.1
K8B102D125KSN2F***	1.2	42.5	28.0	37.0	37.5		1.2	570	684	12	5.1
K8B102D125KSN4F***	1.2	42.5	28.0	37.0	37.5	10.2	1.2	570	684	22	5.1
K8B102D155KSN2F***	1.5	42.5	30.0	45.0	37.5		1.2	570	855	12	5.1
K8B102D155KSN4F***	1.5	42.5	30.0	45.0	37.5	20.3	1.2	570	855	22	3.5
K8B102D155KSN6F***	1.5	42.5	30.0	45.0	37.5	10.2	1.2	570	855	22.5	3.5
K8B102D205KSN2F***	2.0	42.5	33.0	45.0	37.5		1.2	570	1140	11	4.7
K8B102D205KSN4F***	2.0	42.5	33.0	45.0	37.5	20.3	1.2	570	1140	21	4.1
K8B102D205KSN6F***	2.0	42.5	33.0	45.0	37.5	10.2	1.2	570	1140	26	3.8
K8B102D205KSN2G***	2.0	57.5	30.0	45.0	52.5		1.2	320	640	12	4.5
K8B102D205KSN4G***	2.0	57.5	30.0	45.0	52.5	20.3	1.2	320	640	22	3.9
K8B102D205KSN6G***	2.0	57.5	30.0	45.0	52.5	10.2	1.2	320	640	27	3.9
K8B102D225KSN2G***	2.2	57.5	30.0	45.0	52.5		1.2	320	704	12	3.9
K8B102D225KSN4G***	2.2	57.5	30.0	45.0	52.5	20.3	1.2	320	704	22	4.7
K8B102D225KSN6G***	2.2	57.5	30.0	45.0	52.5	10.2	1.2	320	704	26	3.8
K8B102D305KSN2G***	3.0	57.5	35.0	50.0	52.5		1.2	320	960	12	4.1
K8B102D305KSN4G***	3.0	57.5	35.0	50.0	52.5	20.3	1.2	320	960	22	3.4
K8B102D305KSN6G***	3.0	57.5	35.0	50.0	52.5	10.2	1.2	320	960	29	3.4
K8B102D335KSN2G***	3.3	57.5	35.0	50.0	52.5		1.2	320	1056	12	4.1
K8B102D335KSN4G***	3.3	57.5	35.0	50.0	52.5	20.3	1.2	320	1056	22	4.5
K8B102D335KSN6G***	3.3	57.5	35.0	50.0	52.5	10.2	1.2	320	1056	30	4.5

Remark: 1. *** Internal code.

2. Customization for special specification and requirement is available.

ELECTRICAL SPECIFICATION 规格型号参考

Unit: mm

Part Number	Cap (μF)	Dimension						Du/dt (v/μs)	Ipeak (A)	Imax @60°C @10KHz (A)	ESR @100KHz (mΩ)
		L	B	H	P	P1	d				
U _{NDC} 1200Vdc, Urms 500Vac, Us 1600Vdc											
K8B122D333KSN2T***	0.033	26.5	7.0	16.0	22.5		0.8	1300	43	3	33.8
K8B122D473KSN2T***	0.047	26.5	8.5	17.0	22.5		0.8	1300	61	3.5	26.5
K8B122D683KSN2T***	0.068	26.5	10.0	18.5	22.5		0.8	1300	88	4	22.4
K8B122D683KSN2V***	0.068	31.0	9.0	18.0	27.5		0.8	1100	75	4	21.5
K8B122D104KSN2T***	0.10	26.5	12.0	22.0	22.5		0.8	1300	130	5.5	14.6
K8B122D104KSN2V***	0.10	31.0	11.0	20.0	27.5		0.8	1100	110	5.5	15.8
K8B122D154KSN2V***	0.15	31.0	13.0	22.0	27.5		1.0	1100	165	7	12.5
K8B122D224KSN2V***	0.22	31.0	15.0	24.5	27.5		1.0	1100	242	9	12.5
K8B122D334KSN2V***	0.33	31.0	18.0	33.0	27.5		1.2	1100	363	12	6.5
K8B122D334KSN4V***	0.33	31.0	18.0	33.0	27.5	10.2	1.2	1100	363	15.5	5.6
K8B122D334KSN2F***	0.33	42.5	15.0	26.0	37.5		1.2	650	215	12	8.3
K8B122D474KSN2V***	0.47	31.0	22.0	31.0	27.5		1.2	1100	517	12	5.1
K8B122D474KSN4V***	0.47	31.0	22.0	31.0	27.5	10.2	1.2	1100	517	19	4.2
K8B122D474KSN2F***	0.47	42.5	17.0	28.0	37.5		1.2	650	306	12	7.2
K8B122D684KSN2F***	0.68	42.5	22.0	30.0	37.5		1.2	650	442	12	5.9
K8B122D684KSN4F***	0.68	42.5	22.0	30.0	37.5	10.2	1.2	650	442	20	5.2
K8B122D105KSN2F***	1.0	42.5	28.0	37.0	37.5		1.2	650	650	12	5.2
K8B122D105KSN4F***	1.0	42.5	28.0	37.0	37.5	20.3	1.2	650	650	21	4.3
K8B122D125KSN2F***	1.2	42.5	28.0	37.0	37.5		1.2	650	780	12	5.1
K8B122D125KSN4F***	1.2	42.5	28.0	37.0	37.5	20.3	1.2	650	780	22	3.8
K8B122D155KSN2F***	1.5	42.5	30.0	45.0	37.5		1.2	650	975	12	4.2
K8B122D155KSN4F***	1.5	42.5	30.0	45.0	37.5	20.3	1.2	650	975	22	3.2
K8B122D155KSN6F***	1.5	42.5	30.0	45.0	37.5	10.2	1.2	650	975	27	3.2
K8B122D205KSN2G***	2.0	57.5	30.0	45.0	52.5		1.2	350	700	12	4.5
K8B122D205KSN4G***	2.0	57.5	30.0	45.0	52.5	20.3	1.2	350	700	22	3.6
K8B122D205KSN6G***	2.0	57.5	30.0	45.0	52.5	10.2	1.2	350	700	27	3.6
K8B122D225KSN2G***	2.2	57.5	30.0	50.0	52.5		1.2	350	770	12	4.5
K8B122D225KSN4G***	2.2	57.5	30.0	50.0	52.5	20.3	1.2	350	770	22	3.5
K8B122D225KSN6G***	2.2	57.5	30.0	50.0	52.5	10.2	1.2	350	770	30	3.5
K8B122D255KSN2G***	2.5	57.5	35.0	50.0	52.5		1.2	350	875	12	4.1
K8B122D255KSN4G***	2.5	57.5	35.0	50.0	52.5	20.3	1.2	350	875	22	3.2
K8B122D255KSN6G***	2.5	57.5	35.0	50.0	52.5	10.2	1.2	350	875	30	3.2
K8B122D305KSN2G***	3.0	57.5	35.0	50.0	52.5		1.2	350	1050	12	3.5
K8B122D305KSN4G***	3.0	57.5	35.0	50.0	52.5	20.3	1.2	350	1050	22	3.2
K8B122D305KSN6G***	3.0	57.5	35.0	50.0	52.5	10.2	1.2	350	1050	29	3.2
U _{NDC} 1500Vdc, Urms 570Vac, Us 2250Vdc											
K8B152D223KSN2T***	0.022	26.5	7.0	16.0	22.5		0.8	1500	33	2.5	44.5
K8B152D333KSN2T***	0.033	26.5	8.5	17.0	22.5		0.8	1500	50	3	33.0
K8B152D473KSN2T***	0.047	26.5	10.0	18.5	22.5		0.8	1500	71	3.5	24.8
K8B152D473KSN2V***	0.047	31.0	9.0	18.0	27.5		0.8	1225	58	3.5	27.3
K8B152D683KSN2T***	0.068	26.5	12.0	22.0	22.5		0.8	1500	102	5	19.5
K8B152D683KSN2V***	0.068	31.0	11.0	20.0	27.5		0.8	1225	83	5	20.7
K8B152D104KSN2V***	0.10	31.0	13.0	22.0	27.5		0.8	1225	123	6.5	15.3
K8B152D154KSN2V***	0.15	31.0	17.0	28.0	27.5		1.0	1225	184	8	10.6
K8B152D224KSN2V***	0.22	31.0	18.0	33.0	27.5		1.2	1225	270	12	7.6
K8B152D224KSN2F***	0.22	42.5	17.0	28.0	37.5		1.2	800	176	12	10.2
K8B152D334KSN2F***	0.33	42.5	22.0	30.0	37.5		1.2	800	264	12	6.2
K8B152D334KSN4F***	0.33	42.5	22.0	30.0	37.5	10.2	1.2	800	264	18	5.1
K8B152D394KSN2F***	0.39	42.5	22.0	30.0	37.5		1.2	800	312	12	6.2
K8B152D394KSN4F***	0.39	42.5	22.0	30.0	37.5	10.2	1.2	800	312	18	4.6
K8B152D474KSN2F***	0.47	42.5	28.0	37.0	37.5		1.2	800	376	12	6.6
K8B152D474KSN4F***	0.47	42.5	28.0	37.0	37.5	10.2	1.2	800	376	22	5.7
K8B152D684KSN2F***	0.68	42.5	28.0	37.0	37.5		1.2	800	544	12	5.7
K8B152D684KSN4F***	0.68	42.5	28.0	37.0	37.5	10.2	1.2	800	544	22	4.8

Remark: 1. *** Internal code.

2. Customization for special specification and requirement is available.

ELECTRICAL SPECIFICATION 规格型号参考

Unit: mm

Part Number	Cap (μF)	Dimension						Du/dt (v/μs)	Ipeak (A)	Imax @60℃ @10KHz (A)	ESR @100KHz (mΩ)
		L	B	H	P	P1	d				
U _{NDc} 1500Vdc, Urms 570Vac, Us 2000Vdc											
K8B152D105KSN2F***	1.0	42.5	30.0	45.0	37.5		1.2	800	800	12	4.8
K8B152D105KSN4F***	1.0	42.5	30.0	45.0	37.5	20.3	1.2	800	800	22	3.9
K8B152D125KSN2G***	1.2	57.5	30.0	45.0	52.5		1.2	500	600	12	5.3
K8B152D125KSN4G***	1.2	57.5	30.0	45.0	52.5	20.3	1.2	500	600	22	4.5
K8B152D125KSN6G***	1.2	57.5	30.0	45.0	52.5	10.2	1.2	500	600	27	4.5
K8B152D155KSN2G***	1.5	57.5	35.0	50.0	52.5		1.2	500	750	12	4.8
K8B152D155KSN4G***	1.5	57.5	35.0	50.0	52.5	20.3	1.2	500	750	22	4.1
K8B152D155KSN6G***	1.5	57.5	35.0	50.0	52.5	10.2	1.2	500	750	27	4.1
K8B152D185KSN2G***	1.8	57.5	35.0	50.0	52.5		1.2	500	900	12	4.5
K8B152D185KSN4G***	1.8	57.5	35.0	50.0	52.5	20.3	1.2	500	900	22	3.6
K8B152D185KSN6G***	1.8	57.5	35.0	50.0	52.5	10.2	1.2	500	900	30	3.6
U _{NDc} 2000Vdc, Urms 630Vac, Us 3000Vdc											
K8B202D153KSN2T***	0.015	26.5	7.0	16.0	22.5		0.8	2150	32	2	56.2
K8B202D223KSN2T***	0.022	26.5	8.5	17.0	22.5		0.8	2150	47	2.5	40.5
K8B202D333KSN2T***	0.033	26.5	11.0	20.0	22.5		0.8	2150	71	3.5	31.5
K8B202D333KSN2V***	0.033	31.0	11.0	20.0	27.5		0.8	1750	58	4	35.5
K8B202D473KSN2T***	0.047	26.5	12.0	22.0	22.5		0.8	2150	101	4.5	22.5
K8B202D473KSN2V***	0.047	31.0	11.0	20.0	27.5		0.8	1750	82	4.5	25.2
K8B202D683KSN2V***	0.068	31.0	13.0	22.0	27.5		0.8	1750	119	5.5	18.1
K8B202D104KSN2V***	0.10	31.0	17.0	28.0	27.5		1.0	1750	175	8	15.7
K8B202D154KSN2V***	0.15	31.0	18.0	33.0	27.5		1.2	1750	263	11	12.5
K8B202D154KSN4V***	0.15	31.0	18.0	33.0	27.5	10.2	1.2	1750	263	12	10.5
K8B202D154KSN2F***	0.15	42.5	15.0	26.0	37.5		1.2	1000	150	9	15.8
K8B202D224KSN2F***	0.22	42.5	22.0	30.0	37.5		1.2	1000	220	12	7.8
K8B202D334KSN2F***	0.33	42.5	28.0	37.0	37.5		1.2	1000	330	12	7.2
K8B202D334KSN4F***	0.33	42.5	28.0	37.0	37.5	10.2	1.2	1000	330	18	4.6
K8B202D394KSN2F***	0.39	42.5	28.0	37.0	37.5		1.2	1000	390	12	7.1
K8B202D394KSN4F***	0.39	42.5	28.0	37.0	37.5	20.3	1.2	1000	390	19	4.5
K8B202D474KSN2F***	0.47	42.5	28.0	37.0	37.5		1.2	1000	470	12	6.2
K8B202D474KSN4F***	0.47	42.5	28.0	37.0	37.5	20.3	1.2	1000	470	22	5.1
K8B202D564KSN2F***	0.56	42.5	30.0	45.0	37.5		1.2	1000	560	12	5.6
K8B202D564KSN4F***	0.56	42.5	30.0	45.0	37.5	20.3	1.2	1000	560	22	4.6
K8B202D564KSN6F***	0.56	42.5	33.0	45.0	37.5	10.2	1.2	1000	560	27	4.6
K8B202D684KSN2F***	0.68	42.5	33.0	45.0	37.5		1.2	1000	680	12	5.6
K8B202D684KSN4F***	0.68	42.5	33.0	45.0	37.5	20.3	1.2	1000	680	22	4.6
K8B202D684KSN6F***	0.68	42.5	33.0	45.0	37.5	10.2	1.2	1000	680	28	4.5
K8B202D684KSN2G***	0.68	57.5	30.0	45.0	52.5		1.2	580	394	12	6.5
K8B202D684KSN4G***	0.68	57.5	30.0	45.0	52.5	20.3	1.2	580	394	22	5.4
K8B202D684KSN6G***	0.68	57.5	30.0	45.0	52.5	10.2	1.2	580	394	27	5.4
K8B202D824KSN2G***	0.82	57.5	30.0	45.0	52.5		1.2	580	476	12	5.9
K8B202D824KSN4G***	0.82	57.5	30.0	45.0	52.5	20.3	1.2	580	476	22	4.8
K8B202D824KSN6G***	0.82	57.5	30.0	45.0	52.5	10.2	1.2	580	476	24	4.6
K8B202D105KSN2G***	1.0	57.5	35.0	50.0	52.5		1.2	580	580	12	5.4
K8B202D105KSN4G***	1.0	57.5	35.0	50.0	52.5	20.3	1.2	580	580	22	4.5
K8B202D105KSN6G***	1.0	57.5	35.0	50.0	52.5	10.2	1.2	580	580	29	4.5
K8B202D125KSN2G***	1.2	57.5	35.0	50.0	52.5		1.2	580	696	12	4.8
K8B202D125KSN4G***	1.2	57.5	35.0	50.0	52.5	20.3	1.2	580	696	22	3.7
K8B202D125KSN6G***	1.2	57.5	35.0	50.0	52.5	10.2	1.2	580	696	29	3.7
U _{NDc} 2500Vdc, Urms 700Vac, Us 3750Vdc											
K8B252D682KSN2T***	0.0068	26.5	7.0	16.0	22.5		0.8	2650	18	1.5	102
K8B252D103KSN2T***	0.010	26.5	8.5	17.0	22.5		0.8	2650	27	2	76.5
K8B252D153KSN2T***	0.015	26.5	10.0	18.5	22.5		0.8	2650	40	2.5	54.0
K8B252D223KSN2T***	0.022	26.5	12.0	22.0	22.5		0.8	2650	58	3	39.8
K8B252D223KSN2V***	0.022	31.0	11.0	20.0	27.5		0.8	2150	47	3	45.7

Remark: 1. *** Internal code.

2. Customization for special specification and requirement is available.

ELECTRICAL SPECIFICATION 规格型号参考

Unit: mm

Part Number	Cap (μF)	Dimension						Du/dt (v/μs)	Ipeak (A)	Imax @60℃ @10KHz (A)	ESR @100KHz (mΩ)
		L	B	H	P	P1	d				
U _{NDc} 2500Vdc, Urms 700Vac, Us 3750Vdc											
K8B252D333KSN2V***	0.033	31.0	11.0	20.0	27.5		0.8	2150	71	4	33.8
K8B252D473KSN2V***	0.047	31.0	13.0	22.0	27.5		0.8	2150	101	5.5	25.0
K8B252D683KSN2V***	0.068	31.0	17.0	28.0	27.5		1.0	2150	146	8	17.3
K8B252D104KSN2V***	0.10	31.0	18.0	33.0	27.5		1.2	2150	215	10	11.5
K8B252D104KSN4V***	0.10	31.0	18.0	33.0	27.5	10.2	1.2	2150	215	11.5	11.5
K8B252D104KSN2F***	0.10	42.5	15.0	26.0	37.5		1.2	1350	135	8.5	17.5
K8B252D154KSN2F***	0.15	42.5	22.0	30.0	37.5		1.2	1350	203	11	11.5
K8B252D154KSN4F***	0.15	42.5	22.0	30.0	37.5	10.2	1.2	1350	203	15	9.8
K8B252D224KSN2F***	0.22	42.5	28.0	37.0	37.5		1.2	1350	297	12	8.7
K8B252D224KSN4F***	0.22	42.5	28.0	37.0	37.5	10.2	1.2	1350	297	22	7.8
K8B252D334KSN2F***	0.33	42.5	28.0	37.0	37.5		1.2	1350	446	12	6.5
K8B252D334KSN4F***	0.33	42.5	28.0	37.0	37.5	20.3	1.2	1350	446	20	5.9
K8B252D394KSN2F***	0.39	42.5	30.0	45.0	37.5		1.2	1350	527	12	5.8
K8B252D394KSN4F***	0.39	42.5	30.0	45.0	37.5	20.3	1.2	1350	527	20	5.6
K8B252D394KSN6F***	0.39	42.5	33.0	45.0	37.5	10.2	1.2	1350	527	25	5.6
K8B252D474KSN6F***	0.47	42.5	33.0	45.0	37.5	10.2	1.2	1350	635	25	5.3
K8B252D474KSN2G***	0.47	57.5	30.0	45.0	52.5		1.2	750	353	12	6.5
K8B252D474KSN4G***	0.47	57.5	30.0	45.0	52.5	20.3	1.2	750	353	22	5.8
K8B252D564KSN2G***	0.56	57.5	30.0	45.0	52.5		1.2	750	420	12	6.5
K8B252D564KSN4G***	0.56	57.5	30.0	45.0	52.5	20.3	1.2	750	420	22	5.4
K8B252D564KSN6G***	0.56	57.5	30.0	45.0	52.5	10.2	1.2	750	420	25	5.4
K8B252D684KSN2G***	0.68	57.5	35.0	50.0	52.5		1.2	750	510	12	6.2
K8B252D684KSN4G***	0.68	57.5	35.0	50.0	52.5	20.3	1.2	750	510	22	5.1
K8B252D684KSN6G***	0.68	57.5	35.0	50.0	52.5	10.2	1.2	750	510	25	5.1
K8B252D824KSN2G***	0.82	57.5	35.0	50.0	52.5		1.2	750	615	12	5.6
K8B252D824KSN4G***	0.82	57.5	35.0	50.0	52.5	20.3	1.2	750	615	22	4.5
K8B252D824KSN6G***	0.82	57.5	35.0	50.0	52.5	10.2	1.2	750	615	26	4.2
U _{NDc} 3000Vdc, Urms 750Vac, Us 4500Vdc											
K8B302D472KSN2T***	0.0047	26.5	7.0	16.0	22.5		0.8	3400	16	1.5	130.5
K8B302D103KSN2T***	0.01	26.5	8.5	17.0	22.5		0.8	3400	23	2	96.0
K8B302D103KSN2T***	0.01	26.5	11.0	20.0	22.5		0.8	3400	34	2.5	68.5
K8B302D103KSN2V***	0.01	31.0	9.0	18.0	27.5		0.8	2750	28	2.5	81.5
K8B302D223KSN2T***	0.022	26.5	12.0	22.0	22.5		0.8	3400	51	3	49.5
K8B302D223KSN2V***	0.022	31.0	11.0	20.0	27.5		0.8	2750	41	3	57.5
K8B302D223KSN2V***	0.022	31.0	13.0	22.0	27.5		0.8	2750	61	4	39.7
K8B302D333KSN2V***	0.033	31.0	15.0	24.5	27.5		0.8	2750	91	5	28.5
K8B302D473KSN2V***	0.047	31.0	18.0	33.0	27.5		1.0	2750	129	7.5	20.7
K8B302D104KSN2F***	0.10	42.5	22.0	30.0	37.5		1.2	1600	160	10	14.5
K8B302D104KSN4F***	0.10	42.5	22.0	30.0	37.5	10.2	1.2	1600	160	12.5	13.5
K8B302D154KSN2F***	0.15	42.5	28.0	37.0	37.5		1.2	1600	240	12	10.2
K8B302D154KSN4F***	0.15	42.5	28.0	37.0	37.5	10.2	1.2	1600	240	14.5	9.5
K8B302D184KSN4F***	0.18	42.5	28.0	37.0	37.5	10.2	1.2	1600	288	16	8.7
K8B302D224KSN2F***	0.22	42.5	30.0	45.0	37.5		1.2	1600	352	12	8.7
K8B302D224KSN4F***	0.22	42.5	30.0	45.0	37.5	20.3	1.2	1600	352	18	7.1
K8B302D224KSN6F***	0.22	42.5	33.0	45.0	37.5	10.2	1.2	1600	352	25	9.2
K8B302D244KSN6F***	0.24	42.5	33.0	45.0	37.5	10.2	1.2	1600	384	24	8.7
K8B302D274KSN6F***	0.27	42.5	33.0	45.0	37.5	10.2	1.2	1600	432	26	8.6
K8B302D334KSN6F***	0.33	42.5	33.0	45.0	37.5	10.2	1.2	1600	528	24	8.0
K8B302D334KSN2G***	0.33	57.5	30.0	45.0	52.5		1.2	875	289	12	8.6
K8B302D334KSN4G***	0.33	57.5	30.0	45.0	52.5	20.3	1.2	875	289	20	9.0
K8B302D354KSN6G***	0.35	42.5	33.0	45.0	37.5	10.2	1.2	1600	560	28	5.2
K8B302D474KSN2G***	0.47	57.5	33.0	50.0	52.5		1.2	875	411	12	7.3
K8B302D474KSN4G***	0.47	57.5	33.0	50.0	52.5	20.3	1.2	875	411	22	5.7

Remark: 1. *** Internal code.

2. Customization for special specification and requirement is available.