

电容降压专用金属化聚丙烯膜交流电容器(双85. X1类)

Metallized Polypropylene Film A.C. Capacitor For Capacitive Divider(Class X1)

■外形图Outline

■特点

在严苛的环境下(高温高湿)长期工作,
具有优异抗容量衰减稳定性能
金属化聚丙烯膜
自愈性能优异,能承受浪涌电压冲击
长期负载下优异的电容容量稳定性
优异的防潮性能
优异的阻燃性能(UL94V-0)

■应用

电源串联应用
阻容降压应用主要是使用在电表, LED
供电模块,对容量稳定性要求较高场合使用

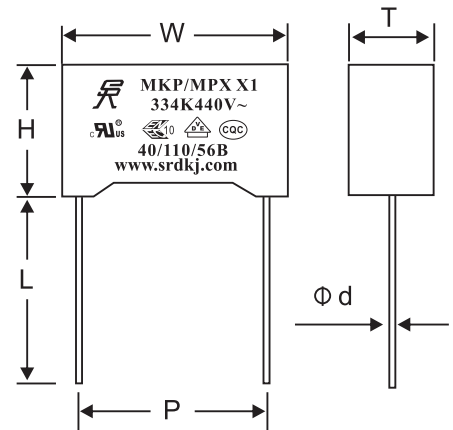
■符合ROHS.REACH等标准

■Feature

Excellent anti-capacity fading stability in long-term harsh environment(Hot and humid) work
Metallized polypropylene film
Excellent self-healing properties, be able to withstand the impact of the surge voltage
Excellent capacitance stability in long-term overload condition
Excellent moisture resistance
Excellent flame retardant properties(UL94V-0)

■Application

In power of series connections applications
RC Buck Applications Mainly used in meter, LED power module, and occasions of high capacity stability requirements.



■In accordance with ROHS and REACH

■技术参数Technical Parameters

引用标准 Reference Standard	GB/T14472(IEC60384-14)	安全认证 Certificates	UL,CUL,CQC,VDE,ENEC
电容器类别 Type	MKP/MPX X1类	气候条件 Climatic Conditions	40/110°C/56d
工作温度 Working Temperature	-40°C ~ +110°C	额定电压 Rated Voltage	440Vac, 50/60Hz
容量误差 Capacitance Tolerance	J- ± 5% K- ± 10% M- ± 20%	容量范围 Capacitance Range	0.0022 μF-4.7 μF
耐电压 Proof Voltage	端子与端子: 4.3UR(VDC)5S 端子与外壳: 2000VAC 5S	Terminal to Terminal Terminal to Shell	无击穿或飞弧 No breakdown or electric arcing
损耗角 Dissipation Factor	≤0.0010 1KHZ		20°C; 1V测试电压 testing voltage
绝缘电阻或时间常数 Insulation resistance or time constant	CR ≤ 0.33 μF IR ≥ 30000 MΩ CR > 0.33 μF IR ≥ 10000 S(MΩ · μF)		充电电压 100V 20°C Charging Voltage 充电 1min 测试后测得 And charging test 1min
耐湿负荷测试 Humidity Test	温度 85 ± 2°C, 湿度 85 ± 2% Temperature Humidity 连续工作 3000 小时 Continuous working 施加电压: 380Vac Applied voltage		电容量衰减量: ΔC/C ≤ 15% Capacitance attenuation 损耗角衰减量: ΔTg δ ≤ 0.5% (1KHZ) Dissipation Factor attenuation 绝缘电阻值: IR ≥ 50% IR; IR ≥ 50%
注: 可根据客户使用定制容量产品, 具体参数依据承认书资料为准。 Note: Products capacitance can be customized, specific parameter according to documents.			



电容降压专用金属化聚丙烯膜交流电容器(双85, X1类)
Metallized Polypropylene Film A.C. Capacitor For Capacitive Divider(Class X1)

■B45产品编码规则Production Coding Rules

一. 15位产品代码规定如下The coding rule of 15 digits of capacitor is as follows:

1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
---	---	---	---	---	---	---	---	---	----	----	----	----	----	----

二. 各部分组成内容Contents of each part

型号代码(第1~3位数)Type(Digits from 1~3th)

B45 电容降压专用金属化聚丙烯膜交流电容器(双85, X1类)

B45 Metallized Polypropylene Film A.C. Capacitor For Capacitive Divider(Class X1)

标称容量(第4~6位数)Nominal Capacitance(Digit from 4~6th)

例如e.g.: 104 = $10 \times 10^4 \text{ pF} = 0.1 \mu\text{F}$

标容量误差代码(第7位数)Capacitance Tolerance Code(Digit 7th)

例如e.g.: J = $\pm 5\%$ K = $\pm 10\%$ M = $\pm 20\%$

额定电压(第8位数)Rated Voltage(Digit 8th)

例如e.g.: T---440Vac

塑壳代码(第9~10位数)Code for plastic case:(from 9~10th)

代码code	壳号case	代码code	壳号case	代码code	壳号case	代码code	壳号case	代码code	壳号case	代码code	壳号case
M1	M1	C1	C1	D5	D5	E5	E5	E1	E1	F8	F8
M2	M2	C2	C2	D7	D7	E6	E6	E2	E2	G1	TB5
M3	M3	C3	C3	D8	D8-3	E7	E7	E3	E3	G2	F14
M4	M4	CA	C5-1	DA	DA	F1	F1	E4	E4	G3	TB4
M5	M5	D1	D1	D3	D3	F2	F2	F4	F4	G4	TB23
M6	M6	D2	D2	D4	D4	F3	F3	F7	F7	G5	TB20

商标+塑壳颜色(第11位数)Mark+Plastic Case Color(Digit 11th)

代码code	商标+ 塑壳颜色 Mark+Plastic Case Color	代码code	商标+ 塑壳颜色 Mark+Plastic Case Color	代码code	商标+ 塑壳颜色 Mark+Plastic Case Color
R	SRD + 灰色激光打印 SRD + Grey, laser printing	B	SRD + 蓝色激光打印 SRD + Blue, laser printing	T	SRD + 黑色激光打印 SRD + Black, laser printing
S	SRD + 黄色无字激光打印 SRD + Yellow, no word laser printing				

内部识别码(第12~13位数)Internal Identification Code(from 12~13th)

外形加工识别码(第14~15位数)Outline Working Identification Code(from 14~15th)

说明: 标准引线长度为13mm Note: The standard length of the lead is 13mm						
切引线标准长度(mm) The Cutting Length	3.0 ± 0.5	3.5 ± 0.5	4.0 ± 0.5	4.5 ± 0.5	5.0 ± 0.5	5.5 ± 0.5
直切脚加工图形 Straight-cut leads outline			弯切脚加工图形 Bend-cut leads outline			

电容降压专用金属化聚丙烯膜交流电容器(双85. X1类)

Metallized Polypropylene Film A.C. Capacitor For Capacitive Divider(Class X1)

■ 规格尺寸表 specification table

容量 Cap. μF	成品编码 Part No.	外形尺寸(mm)±0.5 Dimention				容量 Cap. μF	成品编码 Part No.	外形尺寸(mm)±0.5 Dimention			
		W	T	H	P			W	T	H	P
440VAC											
0.0022	B45222KTC1-####	12.0	4.0	9.0	10	0.2	B45204KTE6-####	26.5	12.0	21.5	22.5
0.0027	B45272KTC1-####	12.0	4.0	9.0	10	0.22	B45224KTDA-####	18.0	10.0	15.8	15
0.0033	B45332KTC1-####	12.0	4.0	9.0	10	0.22	B45224KTE6-####	26.5	12.0	21.5	22.5
0.0039	B45392KTC1-####	12.0	4.0	9.0	10	0.22	B45224KTF1-####	31.5	10.8	19.5	27.5
0.0047	B45472KTC2-####	13.0	5.0	11.0	10	0.27	B45274KTE3-####	26.5	8.5	17.0	22.5
0.0056	B45562KTC2-####	13.0	5.0	11.0	10	0.27	B45274KTF2-####	31.5	13.0	21.6	27.5
0.0068	B45682KTC2-####	13.0	5.0	11.0	10	0.33	B45334KTD8-####	18.0	11.2	19.2	15
0.0082	B45822KTC2-####	13.0	5.0	11.0	10	0.33	B45334KTE3-####	26.5	8.5	17.0	22.5
0.01	B45103KTC2-####	13.0	5.0	11.0	10	0.33	B45334KTF3-####	31.5	14.0	25.0	27.5
0.0022	B45222KTD1-####	18.0	5.0	11.0	15	0.39	B45394KTF3-####	31.5	14.0	25.0	27.5
0.0027	B45272KTD1-####	18.0	5.0	11.0	15	0.47	B45474KTE4-####	26.5	10.0	19.0	22.5
0.0033	B45332KTD1-####	18.0	5.0	11.0	15	0.47	B45474KTF4-####	32.0	16.0	25.5	27.5
0.0039	B45392KTD1-####	18.0	5.0	11.0	15	0.56	B45564KTE7-####	26.5	13.0	23.0	22.5
0.0047	B45472KTD1-####	18.0	5.0	11.0	15	0.56	B45564KTF7-####	32.0	18.0	26.0	27.5
0.0056	B45562KTD1-####	18.0	5.0	11.0	15	0.68	B45684KTF2-####	31.5	13.0	21.6	27.5
0.0068	B45682KTD1-####	18.0	5.0	11.0	15	0.68	B45684KTG3-####	38.0	18.0	28.0	31.5
0.0082	B45822KTD1-####	18.0	5.0	11.0	15	0.82	B45824KTF2-####	31.5	13.0	21.6	27.5
0.01	B45103KTD1-####	18.0	5.0	11.0	15	0.82	B45824KTG5-####	38.0	20.0	30.0	31.5
0.012	B45123KTD1-####	18.0	5.0	11.0	15	1.0	B45105KTF2-####	31.5	13.0	21.6	27.5
0.015	B45153KTD1-####	18.0	5.0	11.0	15	1.0	B45105KTT1-####	48.0	20.0	30.0	41.5
0.018	B45183KTD1-####	18.0	5.0	11.0	15	2.0	B45205KTT2-####	48.0	25.0	37.0	41.5
0.1	B45104KTC3-####	13.0	6.0	12.0	10	2.2	B45225KTH1-####	58.0	33.0	43.0	51.5
0.1	B45104KTD2-####	18.0	6.0	12.0	15	2.5	B45255KTH1-####	58.0	33.0	43.0	51.5
0.1	B45104KTE2-####	26.5	7.0	16.5	22.5	2.7	B45275KTH1-####	58.0	33.0	43.0	51.5
0.12	B45124KTD3-####	18.0	7.5	13.5	15	3.0	B45305KTH1-####	58.0	33.0	43.0	51.5
0.12	B45124KTE3-####	26.5	8.5	17.0	22.5	3.3	B45335KTH1-####	58.0	33.0	43.0	51.5
0.15	B45154KTD3-####	18.0	7.5	13.5	15	3.9	B45395KTH1-####	58.0	33.0	43.0	51.5
0.15	B45154KTE5-####	26.5	11.0	20.0	22.5	4.0	B45405KTH1-####	58.0	33.0	43.0	51.5
0.18	B45184KTD4-####	18.0	8.4	14.5	15	4.5	B45455KTH1-####	58.0	33.0	43.0	51.5
0.18	B45184KTE6-####	26.5	12.0	21.5	22.5	4.7	B45475KTH1-####	58.0	33.0	43.0	51.5