

电容降压专用金属化聚丙烯膜电容器(包封型)

Metallized Polypropylene Film Capacitor For Capacitive Divider

■外形图Outline

■特点

专门设计使用在100~300vac电源串联的电容降压电路场合，如电表；LED驱动模块等金属化聚丙烯膜

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量稳定性

阻燃环氧树脂粉末包封（UL94-V0）

■符合ROHS.REACH等标准

■Feature

Specially designed for using in a step-down series circuit of a capacitor during 100 ~ 250vac, such as the meter, LED drive module, etc.

Metallized polypropylene film

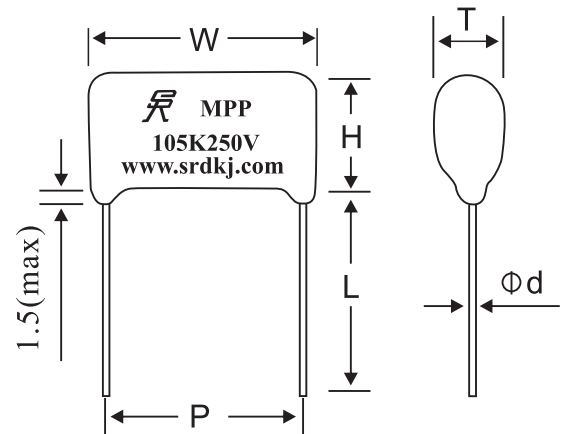
Excellent self-healing properties, be able to withstand the impact of the surge voltage

Excellent capacitance stability in long-term overload condition

Flame retardant epoxy resin powder coating(UL94-V0)

■In accordance with ROHS and REACH

■技术参数 technical parameter



引用标准 Reference Standard	GB/T14579(IEC60384-17)	气候条件Climatic Conditions	40/105?/56d
工作温度 Working Temperature	85°C	容量误差Capacitance Tolerance	J- ± 5% K- ± 10% M- ± 20%
额定电压Rated Voltage	250Vdc450Vdc630Vdc450Vdc(超小型)		
最大交流电压 Max AC Voltage	160Vac,50/60Hz250Vac,50/60Hz300Vac,50/60Hz250Vac,50/60Hz		
容量范围 Capacitance Range	0.033 μF~5.0 μF 0.033 μ~5.0 μF 0.033 μF~4.0 μF 0.033 μF~5.0 μF		
耐电压 Proof Voltage	1.75UR (VDC) 5S 1.5 UR (VDC) 5S		
绝缘电阻或时间常数 Insulation resistance or time constant	CR ≤ 0.33 μF IR ≥ 30000MΩ CR > 0.33 μF IR ≥ 10000S(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temperature 85 ± 2°C% 连续工作10000小时 Continuous working 10000 hours 施加电压：额定电压UR : 85 ± 2°C% Applied voltage: rated voltage UR	电容量衰减量：ΔC/C ≤ 10% 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%	
		450Vdc(超小型)450Vdc(Sub-miniature Type) 电容量衰减量 Capacitance attenuation: ΔC/C ≤ 20% 其他参数同上 Others are the same as above	

注：对于客户使用的额定电压为400Vdc的产品，我司建议采用450Vdc产品替代使用之，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: The capacitor rated voltage of 400Vdc is recommend to use 450Vdc to alternative. The capacity can be customized according to customers using, and the details please reference the specific sheets.

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■B22产品编码规则Production Coding Rules

一. 18位产品代码规定如下The coding rule of 15 digits of capacitor is as follows:



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)

B22 电容降压专用金属化聚丙烯膜交流电容器(包装型)

B22 Metallized Polypropylene Film A.C. Capacitor For Capacitive Divider

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

例如e.g.: 104 = 10×10^4 pF = $0.1 \mu F$

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. V----320Vac

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

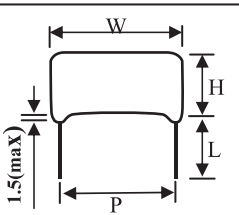
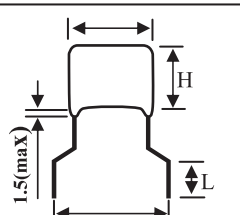
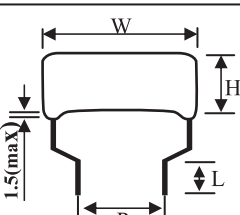
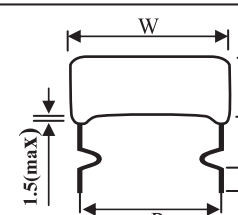
例如e.g.: 2----250Vdc 5----450Vdc 6----630Vdc

外形尺寸编码(第9~14位数)Di mention Code(Digit from 9~14th)

引线加工图形及切引线长度代码(第15~16位数)

Lead processing graphics and lead length code(from 15~16th)

内部识别码(第17~18位数)Internal Identification Code(from 17~18th)

引线加工图形及切引线长度附表1 Leads Re-working and Cutting Outline - Schedule 1						
说明: 包封型号标准引线长度为26mm Note: The standard length of the lead is 26mm						
切引线标准长度L=±0.5 mm The Cutting Length	3.0	3.5	4.0	4.5	5.0	5.5
直切脚加工图形 Straight-cut leads outline	外弯脚加工图形 Bend-cut leads outline		内弯脚加工图形 Bend-in leads outline		K弯脚加工图形 Bend K leads outline	
						

■成品尺寸表Finished Capacitor Size

成品编码 Part Number	容量 Cap	外形尺寸Di mention			
	μF	Wmax	Tmax	H max	P±0.5
250Vdc/160Vac					
B22333K2100407###**	0.033	10	4.0	7.5	7.5
B22473K2100508###**	0.047	10	4.5	8.5	7.5
B22333K2130408###**	0.033	13	4.5	8	10
B22473K2130509###**	0.047	13	5.5	9	10
B22563K2130408###**	0.056	13	4.5	8	10
B22563K2100408###**	0.056	10	4.0	8	7.5
B22683K2130508###**	0.068	13	4.5	8	10

电容降压专用金属化聚丙烯膜电容器(包封型)

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B22823K2100408###**	0.082	10	4.0	7.5	7.5
B22823K2130408###**	0.082	13	4.5	8	10
B22104K2100508###**	0.1	10	4.5	8	7.5
B22104K2130407###**	0.1	13	4.0	7.0	10
B22154K2100408###**	0.15	10	4.5	8	7.5
B22154K2130508###**	0.15	13	4.5	8	10
B22224K2100509###**	0.22	10	5.0	8.5	7.5
B22224K2130609###**	0.22	13	5.5	9	10
B22334K2100610###**	0.33	10	6.0	10.5	7.5
B22334K2130509###**	0.33	13	5.0	8.5	10
B22474K2130611###**	0.47	13	5.5	10.5	10
B22474K2190610###**	0.47	18	6.5	10	15
B22564K2130611###**	0.56	13	6.5	11	10
B22564K2190611###**	0.56	18	6.0	11	15
B22684K2190510###**	0.68	18	5.5	10	15
B22824K2190610###**	0.82	18	6.0	10	15
B22105K2190611###**	1.0	18	6.5	11.5	15
B22105K2240712###**	1.0	23	7.0	12	20
B22125K2190712###**	1.2	18	7.0	12	15
B22125K2240813###**	1.2	23	8.0	13	20
B22155K2190813###**	1.5	18	8.0	13	15
B22155K2240611###**	1.5	23	6.5	11.5	20
B22205K2240813###**	2.0	23	8.0	13	20
B22225K2240813###**	2.2	23	8.5	13.5	20
B22255K2240914###**	2.5	23	9.0	14	20
B22305K2240916###**	3.0	23	9.0	16	20
B22335K2290815###**	3.5	28	8.0	15	25
B22405K2290916###**	4.0	28	9.0	16	25
B22455K2290916###**	4.5	28	10	16	25
B22475K2291017###**	4.7	28	10	17	25
B22505K2291017###**	5.0	28	11	18	25
450Vdc/250Vac					
B22333K5100407###**	0.033	10	4.0	7.5	7.5
B22473K5100508###**	0.047	10	4.5	8.5	7.5
B22333K5130408###**	0.033	13	4.5	8	10
B22473K5130509###**	0.047	13	5.5	9	10
B22563K5130408###**	0.056	13	4.5	8	10
B22563K5100408###**	0.056	10	4.0	8	7.5
B22683K5130508###**	0.068	13	4.5	8	10

电容降压专用金属化聚丙烯膜电容器(包封型)

Metallized Polypropylene Film Capacitor For Capacitive Divider

■成品尺寸表Finished Capacitor Size

B22823K5105098###**	0.082	10	5.0	9.5	7.5
B22823K5130408###**	0.082	13	4.5	8	10
B22104K5100508###**	0.1	10	4.5	8	7.5
B22104K5130508###**	0.1	13	5.0	8.5	10
B22154K5100510###**	0.15	10	5.5	10	7.5
B22154K5130609###**	0.15	13	6.0	9.5	10
B22224K5100612###**	0.22	10	6.5	11.5	7.5
B22224K5130510###**	0.22	13	5.0	10	10
B22334K5190611###**	0.33	18	6.0	11	15
B22334K5240611###**	0.33	23	6.0	11	20
B22474K5190713###**	0.47	18	6.5	13.5	15
B22474K5240712###**	0.47	23	7.5	12.5	20
B22564K5190714###**	0.56	18	8.0	14.5	15
B22564K5240714###**	0.56	23	7.5	14.5	20
B22684K5190510###**	0.68	18	5.5	10	15
B22684K5240815###**	0.68	23	8.5	15	20
B22824K5190916###**	0.82	18	9.0	16	15
B22824K5240813###**	0.82	23	8.5	13.5	20
B22105K5191017###**	1.0	18	10.5	17.5	15
B22105K5240815###**	1.0	23	8.5	15.5	20
B22125K5240916###**	1.2	23	9.5	16.5	20
B22155K5241117###**	1.5	23	11	17.5	20
B22205K5321017###**	2.0	31	10	17	27.5
B22225K5321117###**	2.2	31	10.5	17.5	27.5
B22255K5321119###**	2.5	31	11	19.5	27.5
B22305K5321221###**	3.0	31	12.5	21.5	27.5
B22335K5321321###**	3.3	31	13.5	22.5	27.5
B22355K5351320###**	3.5	34	13	21	31.5
B22405K5351422###**	4.0	34	14.5	22.5	31.5
B22455K5351423###**	4.5	34	15.5	23.5	31.5
B22475K5351523###**	4.7	34	16.5	24.5	31.5
B22505K5351524###**	5.0	34	17.5	25.5	31.5
630Vdc/300Vac					
B22333K6100407###**	0.033	10	4.0	7.5	7.5
B22473K6100508###**	0.047	10	4.5	8.5	7.5
B22333K6130408###**	0.033	13	4.5	8	10

电容降压专用金属化聚丙烯膜电容器(包封型)

Metallized Polypropylene Film Capacitor For Capacitive Divider

■成品尺寸表Finished Capacitor Size

B22473K6130509###**	0.047	13	5.5	9	10
B22563K6130408###**	0.056	13	4.5	8	10
B22563K6100509###**	0.056	10	5.0	9.0	7.5
B22683K6130508###**	0.068	13	5.0	8.0	10
B22823K6130509###**	0.082	13	5.5	9.0	10
B22823K6190609###**	0.082	18	5.5	9.0	15
B22104K6130510###**	0.1	13	5.5	10	10
B22104K6190509###**	0.1	18	5.5	9.5	15
B22154K6130712###**	0.15	13	6.5	11.5	10
B22154K6190611###**	0.15	18	6.0	11	15
B22224K6190611###**	0.22	18	6.0	11	15
B22334K6190713###**	0.33	18	8.0	13	15
B22334K6240611###**	0.33	23	6.0	11	20
B22474K6190815###**	0.47	18	8.5	15.5	15
B22474K6240712###**	0.47	23	7.5	12.5	20
B22564K6190916###**	0.56	18	9.5	16	15
B22564K6240714###**	0.56	23	7.5	14.5	20
B22684K6191017###**	0.68	18	10.5	17	15
B22684K6240815###**	0.68	23	8.5	15.5	20
B22824K6191118###**	0.82	18	12	19	15
B22824K6240916###**	0.82	23	9.5	16.5	20
B22105K6241017###**	1.0	23	10.5	17.5	20
B22105K6320815###**	1.0	30	8.5	15.5	27.5
B22125K6320916###**	1.2	30	9.5	16.5	27.5
B22155K6321118###**	1.5	30	11	18	27.5
B22205K6321320###**	2.0	30	13	20	27.5
B22225K6321321###**	2.2	30	13.5	22	27.5
B22255K6321422###**	2.5	30	14	22	27.5
B22305K6321524###**	3.0	30	15.5	24	27.5
B22335K6351523###**	3.3	33	15.5	23.5	31.5
B22355K6351524###**	3.5	33	16	24.5	31.5
B22405K6351527###**	4.0	33	16.5	28.5	31.5

电容降压专用金属化聚丙烯膜电容器(包封型)

Metallized Polypropylene Film Capacitor For Capacitive Divider

■成品尺寸表Finished Capacitor Size

成品编码 Part Number	容量 Cap	外形尺寸Di mention			
	μF	Wmax	Tmax	H max	P ± 0.5
450Vdc/250Vac/超小型					
B22333K5100407###**	0.033	10	4.0	7.5	7.5
B22473K5100508###**	0.047	10	4.5	8.5	7.5
B22333K5130408###**	0.033	13	4.5	8	10
B22473K5130509###**	0.047	13	5.5	9	10
B22563K5130408###**	0.056	13	4.5	8	10
B22563K5100408###**	0.056	10	4.0	8	7.5
B22683K5130508###**	0.068	13	4.5	8	10
B22823K5100407###**	0.082	10	4.0	7.0	7.5
B22823K5130408###**	0.082	13	4.5	8	10
B22104K5100508###**	0.1	10	4.5	8	7.5
B22104K5130407###**	0.1	13	4.0	7.5	10
B22154K5100508###**	0.15	10	5.0	8.5	7.5
B22154K5130407###**	0.15	13	4.0	7.5	10
B22224K5100610###**	0.22	10	6.0	9.5	7.5
B22224K5130508###**	0.22	13	5.0	8.5	10
B22334K5100712###**	0.22	10	7.5	11.5	7.5
B22334K5190509###**	0.33	18	5.5	8.5	15
B22474K5190509###**	0.47	18	5.5	9.0	15
B22564K5190610###**	0.56	18	6.5	11	15
B22684K5190611###**	0.68	18	7.0	11	15
B22824K5190711###**	0.82	18	7.5	11.5	15
B22105K5190812###**	1.0	18	8.0	12.5	15
B22125K5190814###**	1.2	18	8.5	14	15
B22155K5190915###**	1.5	18	10	16	15
B22205K5191017###**	2.0	18	10.5	17.5	15
B22225K5191118###**	2.2	18	11.5	18.5	15
B22255K5241015###**	2.5	23	10.5	15.5	20
B22305K5241017###**	3.0	23	11	17.5	20
B22335K5241118###**	3.3	23	11.5	18	20
B22355K5291017###**	3.5	28	10.5	17.5	25
B22405K5291117###**	4.0	28	11.5	18.5	25
B22455K5291118###**	4.5	28	12	18.5	25
B22505K5291120###**	5.0	28	12.5	19.5	25