



BIGCAP[®] 超级电容器

辽宁博艾格电子科技有限公司

LIAONING BROTHER ELECTRONIC TECHNOLOGY CO.,LTD

公司简介 COMPANY PROFILE



辽宁博艾格电子科技有限公司是一家从事超级电容器研究、设计、生产与销售的专业公司，位于辽宁省朝阳市高新技术园区内，注册资金1500万，员工200余人，生产技术团队行业经验15年，团队着力打造高品质升级版超级电容器！

博艾格BIGCAP®品牌源于专业，品质为先！BIGCAP®超级电容器升级版以其大容量、耐高温、零漏液、循环寿命长，高功率密度、强充放电能力、无污染等显著优势位居行业前卫。其中，我公司研发的零漏液超级电容器是国内唯一能够解决超电密封性问题的产品。

依靠科技发展，依靠质量促发展！不断为用户提供满意的产品，是每一个“博艾格人”始终不变的追求！

Liaoning Brother Electronics Technology Co., Ltd is a manufacturer of the Bigcap super capacitors which is located at High-Tech Technology Industrial Park, Chaoyang, Liaoning. We have 15 million registered capital and more than 200 employees. Our research team is highly experienced in the manufacturing of super capacitors. Our management has been engaging in the management of production and R&D of super capacitor for more than 15 years and we focus on producing high quality super capacitors.

BIGCAP brand super capacitor originates from specialty and quality. Our BIGCAP super capacitor series is characterized by reissuance to high voltage, great stability in long-term operation, wide temperature range (maximum temp.: 85°C), ultralow internal resistance that applies to electric discharge of medium and large power. Our production facilities are characterized by high automation degree and high precision. Our products are environmental-friendly and comply with the ROHS of the EU.

BIGCAP Technology relies on product quality to survive and progress. Each one of our product is our cell, the quality of which is closely related to the life of Bigcap. To offer satisfactory products to customers is the bounden duty of all our employees.

公司实力 COMPANY STRENGTH



BCE系列 BCE Series



◎ 产品特点 / Features

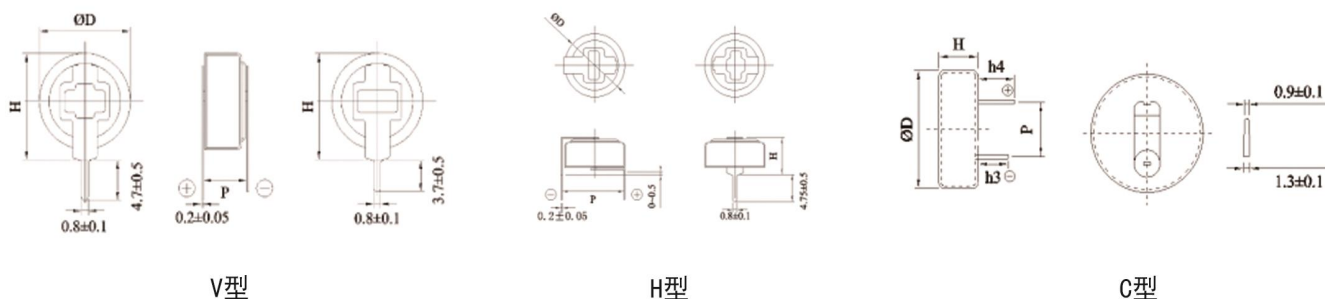
- V、H、C型多种结构，安装时可选择；
- 符合ROHS标准，无Cd、Pb等污染物质；
- 充放电循环寿命长；
- 漏电流低，适合时钟芯片数据保持。
- V, H, C a variety of structure, can choose when to install;
- Comply with ROHS standards no Cd Pb and other pollutants;
- Long charge-discharge cycle life;
- Ultra-low leakage current, suitable for keeping the clock chip data.

◎ 应用 / Applications

- 工作电流 $\mu A \sim 10mA$ ，工作时间秒级至几个月；
- 可用于手摇手电筒、电表、时钟保持、家电控制器、玩具等。
- Working current from $\mu A \sim 10mA$, working hours microseconds to a few months;
- Can be used for Hand-cranked flashlight, Electric meter, Water meter, Gas meter, The clock to keep, Electrical home appliances control, toys, etc.

BCE系列 BCE Series

◎ BIGCAP®标准产品外形尺寸图Shape of standard product



型号 Part Number	额定电压 Nominal Voltage, V dc	容量 Capacitance F	容量 允许偏差 Cap.olerance	内阻 ESR, Ω		尺寸 Size, mm	
				AC@1kHz	DC	$\Phi D \times H$	P ± 0.5 (mm)
BCE005R5C104FS	5.5	0.10	$\pm 20\%$	40	60	13.5 $\times$ 6.6	5
BCE005R5H104FS	5.5	0.10	$\pm 20\%$	40	60	11.5 $\times$ 6.0	10
BCE005R5V104FS	5.5	0.10	$\pm 20\%$	40	60	11.5 $\times$ 12.5	5
BCE005R5C224FS	5.5	0.22	$\pm 20\%$	40	60	13.5 $\times$ 6.6	5
BCE005R5H224FS	5.5	0.22	$\pm 20\%$	40	60	11.5 $\times$ 6.0	10
BCE005R5V224FS	5.5	0.22	$\pm 20\%$	40	60	11.5 $\times$ 12.5	5
BCE005R5C334FAS	5.5	0.33	$\pm 20\%$	50	75	13.5 $\times$ 6.6	5
BCE005R5H334FAS	5.5	0.33	$\pm 20\%$	50	75	11.5 $\times$ 6.0	10
BCE005R5V334FAS	5.5	0.33	$\pm 20\%$	50	75	11.5 $\times$ 12.5	5
BCE005R5C334FBS	5.5	0.33	$\pm 20\%$	50	75	13.5 $\times$ 7.3	5
BCE005R5H334FBS	5.5	0.33	$\pm 20\%$	50	75	11.5 $\times$ 6.0	10
BCE005R5V334FBS	5.5	0.33	$\pm 20\%$	50	75	11.5 $\times$ 12.5	5
BCE005R5C474FS	5.5	0.47	$\pm 20\%$	40	60	13.5 $\times$ 7.3	5
BCE005R5H474FS	5.5	0.47	$\pm 20\%$	40	60	11.5 $\times$ 6.0	10
BCE005R5V474FS	5.5	0.47	$\pm 20\%$	40	60	11.5 $\times$ 12.5	5
BCE005R5C105FS	5.5	1.0	$\pm 20\%$	15	22.5	20.5 $\times$ 7.6	5
BCE005R5H105FS	5.5	1.0	$\pm 20\%$	15	22.5	19 $\times$ 6.5	20
BCE005R5V105FS	5.5	1.0	$\pm 20\%$	15	22.5	19 $\times$ 20.5	5
BCE005R5C155FS	5.5	1.5	$\pm 20\%$	10	15	20.5 $\times$ 7.6	5
BCE005R5H155FS	5.5	1.5	$\pm 20\%$	10	15	19 $\times$ 6.5	20
BCE005R5V155FS	5.5	1.5	$\pm 20\%$	10	15	19 $\times$ 20.5	5

BCT 系列 BCT Series



◎ 产品特点 / Features

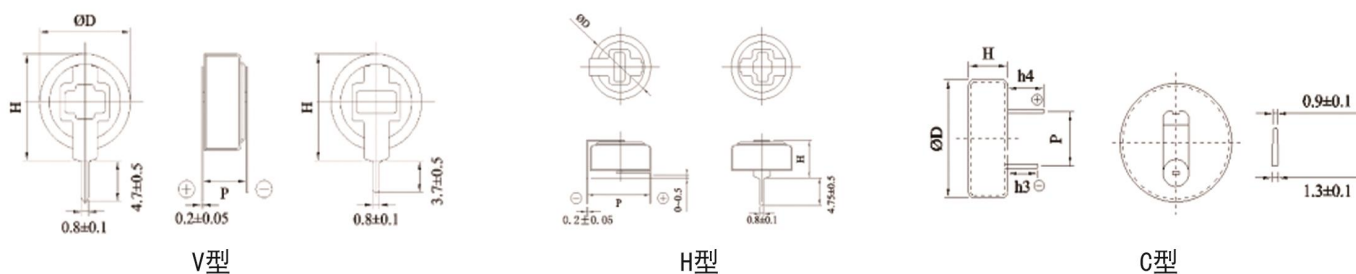
- V、H、C型多种结构，安装时可选择；
- 符合ROHS标准，无Cd、Pb等污染物质；
- 充放电循环寿命长；
- 漏电流低，适合时钟芯片数据保持。
- V, H, C a variety of structure, can choose when to install;
- Comply with ROHS standards no Cd Pb and other pollutants;
- Long charge-discharge cycle life;
- Ultra-low leakage current, suitable for keeping the clock chip data.

◎ 应用 / Applications

- 工作电流 $\mu A \sim 10mA$ ，工作时间秒级至几个月；
- 可用于手摇手电筒、电表、时钟保持、家电控制器、玩具等。
- Working current from $\mu A \sim 10mA$, working hours microseconds to a few months;
- Can be used for Hand-cranked flashlight, Electric meter, Water meter, Gas meter, The clock to keep, Electrical home appliances control, toys, etc.

BCT系列 BCT Series

◎ BIGCAP®标准产品外形尺寸图Shape of standard product



型号 Part Number	额定电压 Nominal Voltage, V dc	容量 Capacitance F	容量 允许偏差 Cap.olerance	内阻 ESR, mΩ		尺寸 Size, mm	
				AC@1kHz	DC	ΦD×L	P±0.5 (mm)
BCT003R6C104FS	3.6	0.10	±20%	40	60	13.5×6.6	5
BCT003R6H104FS	3.6	0.10	±20%	40	60	11.5×6.0	10
BCT003R6V104FS	3.6	0.10	±20%	40	60	11.5×12.5	5
BCT003R6C224FS	3.6	0.22	±20%	40	60	13.5×6.6	5
BCT003R6H224FS	3.6	0.22	±20%	40	60	11.5×6.0	10
BCT003R6V224FS	3.6	0.22	±20%	40	60	11.5×12.5	5
BCT003R6C334FAS	3.6	0.33	±20%	50	75	13.5×6.6	5
BCT003R6H334FAS	3.6	0.33	±20%	50	75	11.5×6.0	10
BCT003R6V334FAS	3.6	0.33	±20%	50	75	11.5×12.5	5
BCT003R6C334FBS	3.6	0.33	±20%	50	75	13.5×7.3	5
BCT003R6H334FBS	3.6	0.33	±20%	50	75	11.5×6.0	10
BCT003R6V334FBS	3.6	0.33	±20%	50	75	11.5×12.5	5
BCT003R6C474FS	3.6	0.47	±20%	40	60	13.5×7.3	5
BCT003R6H474FS	3.6	0.47	±20%	40	60	11.5×6.0	10
BCT003R6V474FS	3.6	0.47	±20%	40	60	11.5×12.5	5
BCT005R5V224FBS	5.5	0.22	±20%	75	112	11.5×12.5	7.5
BCT005R5V334FS	5.5	0.33	±20%	60	90	11.5×12.5	7.5
BCT003R6C105FS	3.6	1.0	±20%	15	22	20.5×7.6	5
BCT003R6H105FS	3.6	1.0	±20%	15	22	19×6.5	20
BCT003R6V105FS	3.6	1.0	±20%	15	22	19×20.5	5
BCT003R6C155FS	3.6	1.5	±20%	10	15	20.5×7.6	5
BCT003R6H155FS	3.6	1.5	±20%	10	15	19×6.5	20
BCT003R6V155FS	3.6	1.5	±20%	10	15	19×20.5	5
BCT005R5V684FS	5.5	0.68	±20%	30	45	19×20.5	8
BCT005R5C684FS	5.5	0.68	±20%	45	67	20.5×10	5
BCT005R5C105FS	5.5	1.0	±20%	20	30	20.5×10	5
BCT005R5V105FS	5.5	1.0	±20%	25	37	19×20.5	8

BGW系列 BGW Series



◎ 产品特点 / Features

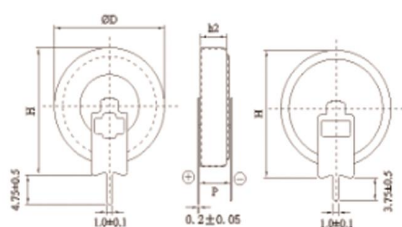
- V、H多种结构，安装时可选择；
- 符合ROHS标准，无Cd、Pb等污染物质；
- 充放电循环寿命长；
- V, H, a variety of structure, can choose when to install;
- Comply with ROHS standards no Cd Pb and other pollutants;
- Long charge-discharge cycle life;

◎ 应用 / Applications

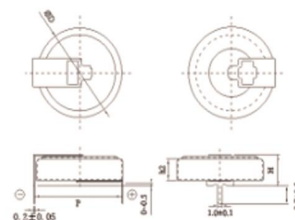
- 工作电流 $\mu A \sim 10mA$ ，工作时间秒级至几个月；
- 可用于手摇手电筒、电表、时钟保持、家电控制器、玩具等。
- Working current from $\mu A \sim 10mA$, working hours microseconds to a few months;
- Can be used for Hand-cranked flashlight, Electric meter, Water meter, Gas meter, The clock to keep, Electrical home appliances control, toys, etc.

BGW系列 BGW Series

◎ BIGCAP®标准产品外形尺寸图Shape of standard product



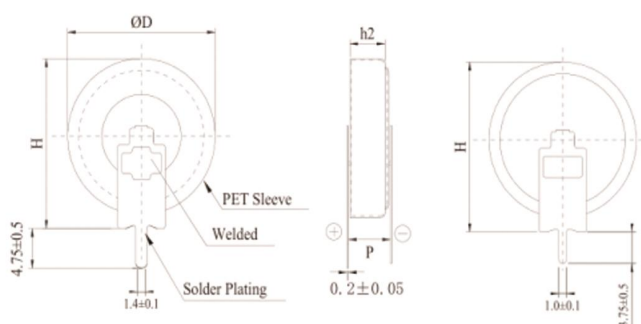
V型



H型

● 表1

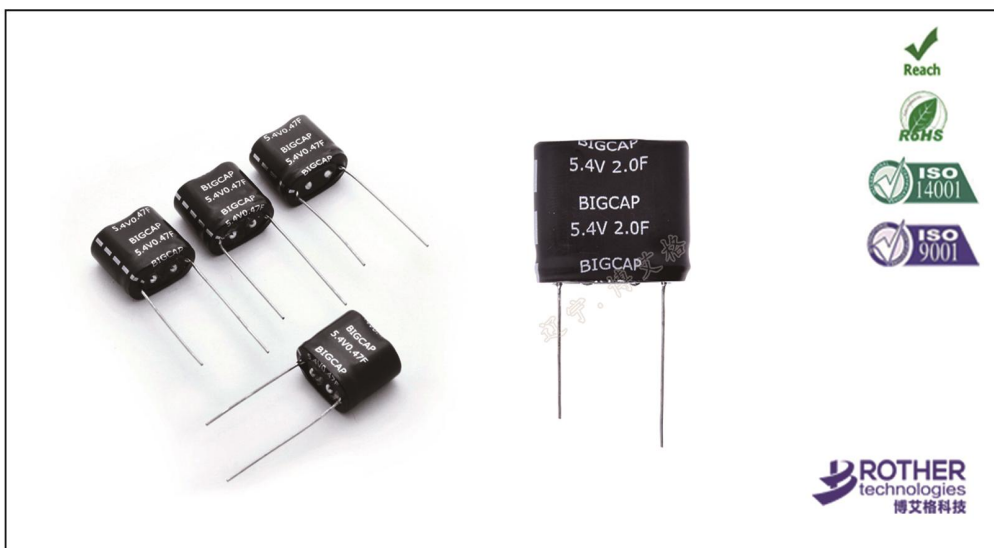
型号 Part Number	额定电压 Nominal Voltage, V dc	容量 Capacitance F	容量 允许偏差 Cap. derance	内阻 ESR, mΩ		尺寸 Size, mm	
				AC@1kHz	DC	ΦD×L	P±0.5mm
BGW5R5V105FAS	5.5	1.0	±20	15	22	19×20.5	5
BGW5R5H105FAS	5.5	1.0	±20	15	22	19×6.5	20
BGW5R5V155FAS	5.5	1.5	±20	10	15	19×20.5	5
BGW5R5H155FAS	5.5	1.5	±20	10	15	19×6.5	20



● 表2

型号 Part Number	额定电压 Nominal Voltage, V dc	容量 Capacitance F	容量 允许偏差 Cap. derance	内阻 ESR, mΩ		尺寸 Size, mm	
				AC@1kHz	DC	ΦD×L	P±0.5mm
BGW5R5V105FCS	5.5	1.0	±20	15	22	19×20.5	5
BGW5R5V155FCS	5.5	1.5	±20	10	15	19×20.5	5

BME系列 BME Series



◎ 产品特点 / Features

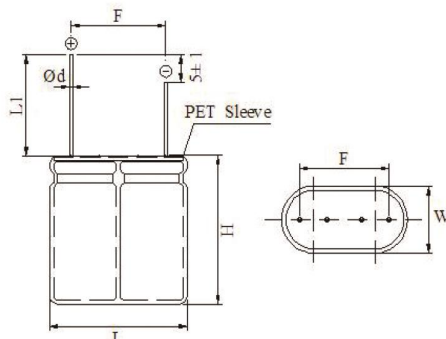
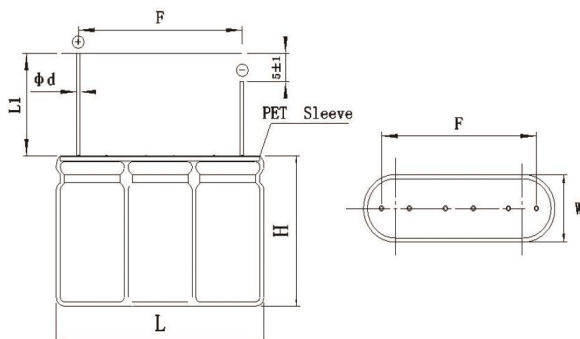
- 圆柱外形结构，超低内阻；
- 符合ROHS标准，无Cd、Pb等污染物质；
- 充放电循环寿命长；
- 适合中大功率放电；
- Cylindrical shape structure, ultra-low internal resistance;
- Comply with ROHS standards no Cd Pb and other pollutants;
- Long charge-discharge cycle life;
- Suitable for high power discharge;

◎ 应用 / Applications

- 工作电流100mA~几百A，工作时间微秒级至几分钟；
- 可用于燃气表、水表、热量表断电关阀，抄表系统等。
- Working current greater than 100mA, working hours microseconds to a few minutes;
- Can be used for gas meter, water meter, heat meter power shut valve, meter reading system, etc.

◎ BIGCAP® 标准产品外形尺寸图 Shape of standard product

- 两端引出式产品外形示意图：
- Shape of wire lead supercapacitor:



BME系列 BME Series

◎ **BIGCAP®** 标准产品规格 Standard product specification

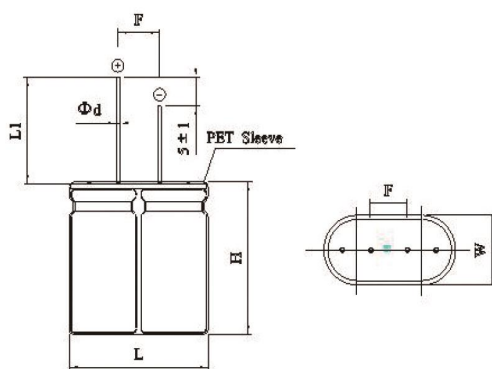
● 表1

型号 Part Number	额定电压 Nominal Voltage, V dc	容量 Capacitance F	容量 允许偏差 Cap.olerance	内阻 ESR, mΩ		尺寸 Size, mm			
				AC@1kHz	DC	L×W×H	φd	F	L1
BME005R4L473FA	5.4	0.047	0~+80%	1800	2700	11×6×13	0.5	7	27
BME005R4L473FB	5.4	0.047	0~+80%	1800	2700	11×6×12	0.5	7	27
BME005R4L104FA	5.4	0.10	±20%	2400	3600	11×6×13	0.5	7	27
BME005R4L104FB	5.4	0.10	±20%	2400	3600	13×7×14	0.5	9	27
BME005R4L224FA	5.4	0.22	0~+40%	2000	3000	13×7×14	0.5	9	27
BME005R4L224FB	5.4	0.22	±20%	2000	3000	11×6×13	0.5	7	27
BME005R4L224FC	5.4	0.22	±20%	2000	3000	13×7×12	0.5	9	27
BME005R4L334FA	5.4	0.33	0~+40%	1800	2700	17×9×15	0.6	12	29
BME005R4L474FA	5.4	0.47	0~+40%	1400	2100	17×9×15	0.6	12	29
BME005R4L474FB	5.4	0.47	0~+80%	1200	1800	17×9×21	0.6	12	29
BME005R4L474FC	5.4	0.47	0~+80%	1200	1800	17×9×15	0.6	12	19
BME005R4L474FD	5.4	0.47	±20%	1400	2100	13×7×14	0.5	9	27
BME005R4L105FA	5.4	1.0	±20%	600	900	17×9×21	0.6	12	29
BME005R4L105FB	5.4	1.0	±20%	600	900	21×10×21	0.6	15	29
BME005R4L155FA	5.4	1.5	±20%	600	900	17×9×21	0.6	12	29
BME005R4L155FB	5.4	1.5	±20%	600	900	17×9×18	0.6	12	29
BME005R4L155FH	5.4	1.5	0~+40%	500	750	21×10×21	0.6	15	29
BME005R4L155FJ	5.4	1.5	±20%	400	600	21×10×18	0.6	15	29
BME005R4L205FA	5.4	2.0	0~+40%	280	420	26×13×22	0.6	18	27
BME005R4L205FC	5.4	2.0	±20%	320	480	21×10×21	0.6	15	29
BME005R4L255FA	5.4	2.5	±20%	260	390	21×10×21	0.6	15	29
BME005R4L305FA	5.4	3.0	±20%	260	390	21×10×21	0.6	15	29
BME005R4L405FA	5.4	4.0	±20%	220	330	26×13×22	0.6	18	27
BME005R4L405FC	5.4	4.0	±20%	240	360	26×13×21	0.6	18	27
BME005R4L505FA	5.4	5.0	±20%	200	300	26×13×27	0.6	18	29
BME007R5L104FA	7.5	0.1	0~+80%	3000	4500	19.5×7×14	0.5	10	27
BME007R5L334FA	7.5	0.33	0~+80%	1800	2700	25×9×15	0.6	13.5	29
BME007R5L704FA	7.5	0.7	±20%	900	1350	25×9×21	0.6	13.5	29
BME007R5L105FA	7.5	1.0	±20%	900	1350	25×9×21	0.6	13.5	29
BME007R5L105FB	7.5	1.0	±20%	600	900	31×11×18	0.6	16	29
BME007R5L155FA	7.5	1.5	0~+40%	420	630	39×13×22	0.6	21	27
BME007R5L155FB	7.5	1.5	0~+40%	390	585	31×10×21	0.6	16	29
BME007R5L205FA	7.5	2.0	±20%	390	585	31×10×21	0.6	16	29
BME007R5L255FA	7.5	2.5	±20%	330	495	39×13×22	0.6	21	27
BME007R5L335FA	7.5	3.3	±20%	300	450	39×13×27	0.6	21	29

BME系列 BME Series

◎ BIGCAP® 标准产品外形尺寸图 Shape of standard product

- 中间引出式产品外形示意图:
- Shape of snap-in and lead types supercapacitor:



◎ BIGCAP® 标准产品规格 Standard product specification

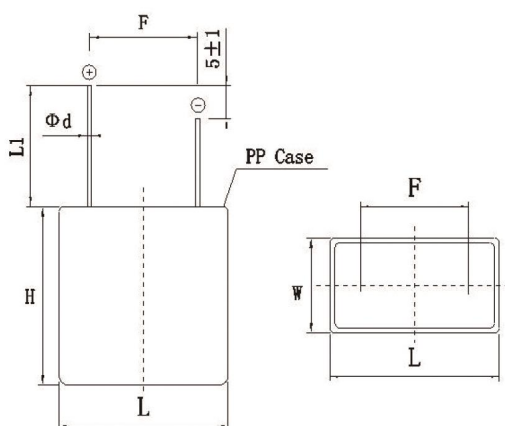
- 表2

型号 Part Number	额定电压 Nominal Voltage, V dc	容量 Capacitance F	容量 允许偏差 Cap.olerance	内阻 ESR, mΩ		尺寸 Size, mm			
				AC@1kHz	DC	L×W×H	Φd	F	L1
BME005R4L474FG	5.4	0.47	0~+80%	320	480	21×10×21	0.6	5.3	29
BME005R4L474FH	5.4	0.47	0~+40%	1400	2100	17×9×15	0.6	5.0	29
BME005R4L474FJ	5.4	0.47	0~+80%	1200	1800	17×9×15	0.6	5.0	29
BME005R4L105FD	5.4	1.0	±20%	600	900	17×9×21	0.6	5.0	29
BME005R4L155FC	5.4	1.5	±20%	600	900	17×9×21	0.6	5.0	29
BME005R4L205FB	5.4	2.0	0~+40%	280	420	26×13×22	0.6	7.5	27

BME系列 BME Series

◎ BIGCAP® 标准产品外形尺寸图 Shape of standard product

- 全密封型产品外形示意图:
- Shape of full seal structure supercapacitor:



◎ BIGCAP® 标准产品规格 Standard product specification

- 表5

型号 Part Number	额定电压 Nominal Voltage ,V dc	容量 Capacitance F	容量 允许偏差 Cap.olerance	内阻 ESR, mΩ		尺寸 Size, mm			
				AC@1kHz	DC	L×W×H	Φ d	F	L1
BME005R4L224FCW	5.4	0.22	±20%	2000	3000	14.7×8.1×13.5	0.5	9	23
BME005R4L334FAW	5.4	0.33	0~+40%	1800	2700	18×9.6×18	0.6	12	26
BME005R4L474FAW	5.4	0.47	0~+40%	1400	2100	18×9.6×18	0.6	12	26
BME005R4L474FCW	5.4	0.47	0~+80%	1200	1800	18×9.6×18	0.6	12	26
BME005R4L105FAW	5.4	1.0	±20%	600	900	18×9.6×25.5	0.6	12	24
BME005R4L155FAW	5.4	1.5	±20%	600	900	18×9.6×25.5	0.6	12	24
BME005R4L155FHW	5.4	1.5	±20%	500	750	22×11.6×25.5	0.6	15	24
BME005R4L205FEW	5.4	2.0	±20%	600	900	22×11.6×25.5	0.6	15	24

BMP系列 BMP Series



◎ 产品特点 / Features

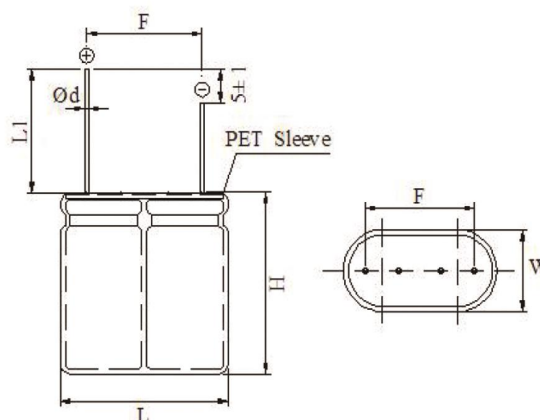
- 内部串联结构，超低内阻；
- 符合ROHS标准，无Cd、Pb等污染物质；
- 充放电循环寿命长；
- 超低漏电流，适合与电池配合使用。
- Internal tandem structure , ultra-low internal resistance;
- Comply with ROHS standards no Cd Pb and other pollutants;
- Long charge-discharge cycle life;
- Ultra-low leakage current, suitable for use with battery.

◎ 应用 / Applications

- 工作电流100mA~几百A，工作时间微秒级至几分钟；
- 可用于燃气表、水表、热量表断电关阀，抄表系统等。
- Working current greater than 100mA, working hours microseconds to a few minutes;
- Can be used for gas meter, water meter, heat meter power shut valve, meter reading system , etc.

◎ BIGCAP® 标准产品外形尺寸图 Shape of standard product

- 两端引出式产品外形示意图；
- Shape of wire lead supercapacitor:



BMP系列 BMP Series

◎ BIGCAP® 标准产品规格 Standard product specification

● 表1

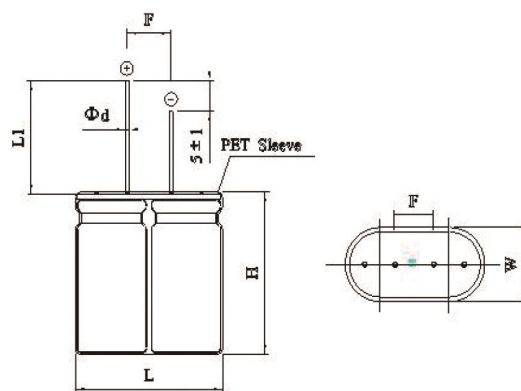
型号 Part Number	额定电压 Nominal Voltage, V dc	容量 Capacitance F	容量 允许偏差 Cap.olerance	内阻 ESR, mΩ		尺寸 Size, mm			
				AC@1kHz	DC	L×W×H	φd	F	L1
BMP005R5L473FA	5.5	0.047	0~+80%	900	1350	11×6×13	0.5	7	27
BMP005R5L473FB	5.5	0.047	0~+80%	900	1350	11×6×12	0.5	7	27
BMP005R5L104FA	5.5	0.1	±20%	1000	1500	11×6×13	0.5	7	27
BMP005R5L104FB	5.5	0.1	±20%	1000	1500	13×7×14	0.5	9	27
BMP005R5L224FA	5.5	0.22	0~+40%	800	1200	13×7×14	0.5	9	27
BMP005R5L224FB	5.5	0.22	±20%	800	1200	11×6×13	0.5	7	27
BMP005R5L224FC	5.5	0.22	±20%	1000	1500	13×7×12	0.5	9	27
BMP005R5L334FA	5.5	0.33	0~+40%	800	1200	17×9×15	0.6	12	29
BMP005R5L474FA	5.5	0.47	0~+40%	600	900	17×9×15	0.6	12	29
BMP005R5L474FB	5.5	0.47	0~+80%	400	600	17×9×21	0.6	12	29
BMP005R5L474FC	5.5	0.47	0~+80%	400	600	17×9×15	0.6	12	29
BMP005R5L474FD	5.5	0.47	±20%	600	900	13×7×14	0.5	9	27
BMP005R5L105FA	5.5	1.0	±20%	280	420	17×9×21	0.6	12	29
BMP005R5L105FB	5.5	1.0	±20%	280	420	21×10×21	0.6	15	29
BMP005R5L155FA	5.5	1.5	±20%	200	300	17×9×21	0.6	12	29
BMP005R5L155FB	5.5	1.5	±20%	240	360	17×9×18	0.6	12	29
BMP005R5L155FH	5.5	1.5	0~+40%	160	240	21×10×21	0.6	15	29
BMP005R5L155FJ	5.5	1.5	±20%	200	300	21×10×18	0.6	15	29
BMP005R5L205FA	5.5	2.0	0~+40%	140	210	26×13×22	0.6	18	27
BMP005R5L205FC	5.5	2.0	±20%	120	180	21×10×21	0.6	15	29
BMP005R5L255FA	5.5	2.5	±20%	140	210	21×10×21	0.6	15	29
BMP005R5L305FA	5.5	3.0	±20%	140	210	21×10×21	0.6	15	29
BMP005R5L405FA	5.5	4.0	±20%	100	150	26×13×22	0.6	18	27
BMP005R5L405FC	5.5	4.0	±20%	100	150	26×13×21	0.6	18	29
BMP005R5L505FA	5.5	5.0	±20%	100	150	26×13×27	0.6	18	29
BMP005R5L805FB	5.5	8.0	±20%	60	90	33×17×23	0.8	24	29
BMP005R5L805FC	5.5	8.0	±20%	60	90	33×17×28	0.8	24	29
BMP005R5L106FA	5.5	10	±20%	50	75	33×17×28	0.8	24	29
BMP005R5L156FA	5.5	15	±20%	50	75	33×17×35	0.8	24	29
BMP005R5L256FA	5.5	25	±20%	40	60	37×19×43	0.8	26	29
BMP005R5L306FA	5.5	30	±20%	30	45	37×19×43	0.8	26	29
BMP007R5L104FA	7.5	0.10	0~+80%	1200	1800	19.5×7×14	0.5	10	27

BMP系列 BMP Series

BMP007R5L334FA	7.5	0.33	0~+80%	600	900	25×9×15	0.6	13.5	29
BMP007R5L704FA	7.5	0.7	±20%	420	630	25×9×21	0.6	13.5	29
BMP007R5L105FA	7.5	1.0	±20%	300	450	25×9×21	0.6	13.5	29
BMP007R5L105FB	7.5	1.0	±20%	240	360	31×11×18	0.6	16	29
BMP007R5L155FA	7.5	1.5	0~+40%	210	315	39×13×22	0.6	21	29
BMP007R5L155FB	7.5	1.5	0~+40%	210	315	31×10×21	0.6	16	27/29
BMP007R5L205FA	7.5	2.0	±20%	210	315	31×10×21	0.6	16	27/29
BMP007R5L255FA	7.5	2.5	±20%	150	225	39×13×22	0.6	21	27
BMP007R5L335FA	7.5	3.3	±20%	150	225	39×13×27	0.6	21	29
BMP007R5L505FA	7.5	5	±20%	90	135	49×17×28	0.8	25.5	29

◎ BIGCAP® 标准产品外形尺寸图 Shape of standard product

- 中间引出式产品外形示意图:
- Shape of snap-in and lead types supercapacitor:



◎ BIGCAP® 标准产品规格 Standard product specification

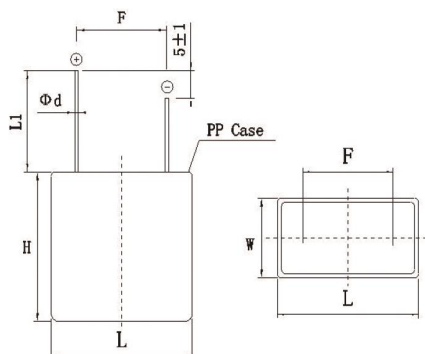
- 表2

型号 Part Number	额定电压 Nominal Voltage, V dc	容量 Capacitance F	容量 允许偏差 Cap.olerance	内阻 ESR, mΩ		尺寸 Size, mm			
				AC@1kHz	DC	L×W×H	Φ d	F	L1
BMP005R5L474FG	5.5	0.47	0~+80%	180	270	21×10×21	0.6	5.3	29
BMP005R5L474FH	5.5	0.47	0~+40%	600	900	17×9×15	0.6	5.0	29
BMP005R5L474FJ	5.5	0.47	0~+80%	400	600	17×9×15	0.6	5.0	29
BMP005R5L105FD	5.5	1.0	±20%	280	420	17×9×21	0.6	5.0	29
BMP005R5L155FC	5.5	1.5	±20%	200	300	17×9×21	0.6	5.0	29
BMP005R5L205FB	5.5	2.0	0~+40%	140	210	26×13×22	0.6	7.5	27

BMP系列 BMP Series

◎ BIGCAP® 标准产品外形尺寸图 Shape of standard product

- 全密封型产品外形示意图:
- Shape of full seal structure supercapacitor:

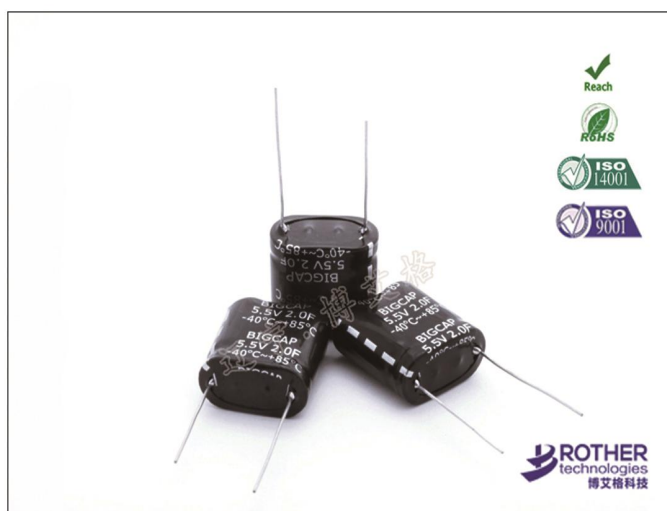


◎ BIGCAP® 标准产品规格 Standard product specification

- 表3

型号 Part Number	额定电压 Nominal Voltage, V dc	容量 Capacitance F	容量 允许偏差 Cap.olerance	内阻 ESR, mΩ		尺寸 Size, mm			
				AC@1kHz	DC	L×W×H	Φd	F	L1
BMP005R5L224FCW	5.5	0.22	±20%	1000	1500	14.7×8.1×13.5	0.5	9	23
BMP005R5L334FAW	5.5	0.33	0~+40%	800	1200	18×9.6×18	0.6	12	26
BMP005R5L474FAW	5.5	0.47	0~+40%	600	900	18×9.6×18	0.6	12	26
BMP005R5L474FCW	5.5	0.47	0~+80%	400	600	18×9.6×18	0.6	12	26
BMP005R5L105FAW	5.5	1.0	±20%	280	420	18×9.6×25.5	0.6	12	24
BMP005R5L155FAW	5.5	1.5	±20%	200	300	18×9.6×25.5	0.6	12	24
BMP005R5L155FHW	5.5	1.5	±20%	160	240	22×11.6×25.5	0.6	15	24

BMT系列 BMT Series



◎ 产品特点 / Features

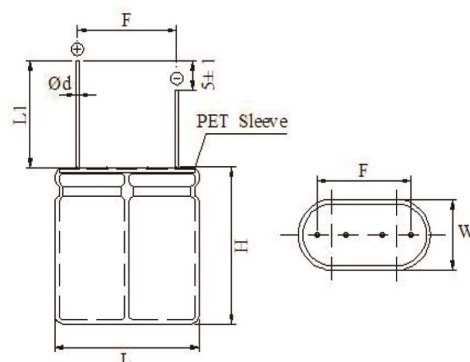
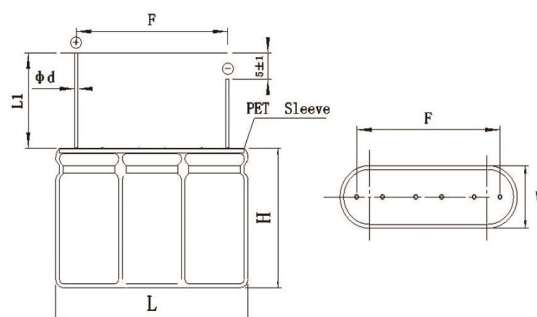
- 圆柱外形结构，超低内阻；
- 符合ROHS标准，无Cd、Pb等污染物质；
- 充放电循环寿命长；
- 适合中大功率放电；
- 耐温高，可在+85℃的环境下使用。
- Cylindrical shape structure, ultra-low internal resistance;
- Comply with ROHS standards no Cd Pb and other pollutants;
- Long charge-discharge cycle life;
- Suitable for high power discharge;
- High temperature resistant, can be used in + 85℃ environment.

◎ 应用 / Applications

- 工作电流100mA~几百A，工作时间微秒级至几分钟；
- 可用于启动装置、雷管、税控机，玩具，电力设备等。
- Working current greater than 100mA, working hours microseconds to a few minutes;
- Can be used for starting device, detonator, the tax control machine, toys, electrical power equipment, etc.

◎ BIGCAP® 标准产品外形尺寸图 Shape of standard product

- 两端引出式产品外形示意图：
- Shape of wire lead supercapacitor:



BMT系列 BMT Series

© **BIGCAP®** 标准产品规格 Standard product specification

● 表1

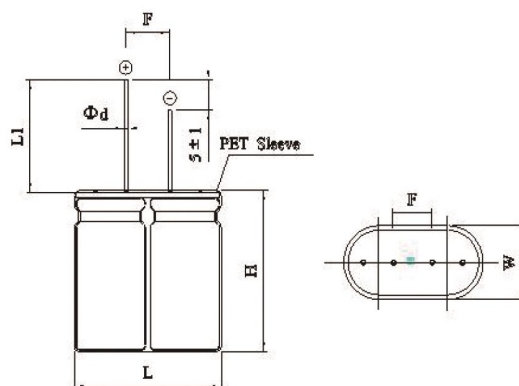
型号 Part Number	额定电压 Nominal Voltage ,V dc	容量 Capacitance F	容量 允许偏差 Cap.olerance	内阻 ESR, mΩ		尺寸 Size, mm			
				AC@1kHz	DC	ΦD×L	φ d	F	L1
BMT005R5L473FA	5.5	0.047	0~+80%	900	1350	11×6×13	0.5	7	27
BMT005R5L473FB	5.5	0.047	0~+80%	900	1350	11×6×12	0.5	7	27
BMT005R5L104FA	5.5	0.1	±20%	1000	1500	11×6×13	0.5	7	27
BMT005R5L104FB	5.5	0.1	±20%	1000	1500	13×7×14	0.5	9	27
BMT005R5L224FA	5.5	0.22	0~+40%	800	1200	13×7×14	0.5	9	27
BMT005R5L224FB	5.5	0.22	±20%	800	1200	11×6×13	0.5	7	27
BMT005R5L224FC	5.5	0.22	±20%	1000	1500	13×7×12	0.5	9	27
BMT005R5L334FA	5.5	0.33	0~+40%	800	1200	17×9×15	0.6	12	29
BMT005R5L474FA	5.5	0.47	0~+40%	600	900	17×9×15	0.6	12	29
BMT005R5L474FB	5.5	0.47	0~+80%	400	600	17×9×21	0.6	12	29
BMT005R5L474FC	5.5	0.47	0~+80%	400	600	17×9×15	0.6	12	29
BMT005R5L474FD	5.5	0.47	±20%	600	900	13×7×14	0.5	12	27
BMT005R5L105FA	5.5	1.0	±20%	280	420	17×9×21	0.6	12	29
BMT005R5L105FB	5.5	1.0	±20%	280	420	21×10×21	0.6	15	29
BMT005R5L105FO	5.5	1.0	±20%	600	900	17×9×15	0.6	12	29
BMT005R5L155FA	5.5	1.5	±20%	200	300	17×9×21	0.6	12	29
BMT005R5L155FB	5.5	1.5	±20%	240	360	17×9×18	0.6	12	29
BMT005R5L155FH	5.5	1.5	0~+40%	160	240	21×10×21	0.6	15	29
BMT005R5L155FJ	5.5	1.5	±20%	160	240	21×10×18	0.6	15	29
BMT005R5L205FA	5.5	2.0	0~+40%	140	210	26×13×22	0.6	18	27
BMT005R5L205FC	5.5	2.0	±20%	120	180	21×10×21	0.6	15	29
BMT005R5L205FO	5.5	2.0	0~+40%	180	270	17×9×21	0.6	12	29
BMT005R5L255FA	5.5	2.5	±20%	140	210	21×10×21	0.6	15	29
BMT005R5L305FA	5.5	3.0	±20%	140	210	21×10×21	0.6	15	29
BMT005R5L355FO	5.5	3.5	±20%	130	195	21×10×21	0.6	15	29
BMT005R5L405FA	5.5	4.0	±20%	100	150	26×13×22	0.6	18	27
BMT005R5L405FC	5.5	4.0	±20%	100	150	26×13×21	0.6	18	27
BMT005R5L405FO	5.5	4.0	±20%	90	135	17×9×34	0.6	12	29
BMT005R5L405FQ	5.5	4.0	±20%	110	165	21×10×21	0.6	15	29
BMT005R5L505FA	5.5	5.0	±20%	100	150	26×13×27	0.6	18	27
BMT005R5L505FO	5.5	5.0	±20%	130	195	21×10×26	0.6	15	29
BMT005R5L605FO	5.5	6.0	±20%	120	180	21×10×29	0.6	15	29
BMT005R5L765FO	5.5	7.6	0~+40%	120	180	49×17×28	0.8	25.5	29

BMT系列 BMT Series

BMT005R5L805FA	5.5	8.0	±20%	90	135	26×13×27	0.6	18	27
BMT005R5L805FB	5.5	8.0	±20%	60	90	33×17×23	0.8	24	29
BMT005R5L805FC	5.5	8.0	±20%	60	90	33×17×28	0.8	24	29
BMT005R5L106FA	5.5	10	±20%	50	75	33×17×28	0.8	24	29
BMT005R5L106FO	5.5	10	±20%	60	90	26×13×35	0.6	18	27
BMT005R5L126FO	5.5	12	0~+40%	80	120	33×17×28	0.8	24	29
BMT005R5L156FA	5.5	15	±20%	50	75	33×17×35	0.8	24	29
BMT005R5L256FA	5.5	25	±20%	40	60	37×19×43	0.8	26	29
BMT005R5L306FA	5.5	30	±20%	30	45	37×19×43	0.8	26	29
BMT007R5L104FA	7.5	0.1	0~+80%	1200	1800	19.5×7×14	0.5	10	27
BMT007R5L334FA	7.5	0.33	0~+80%	600	900	25×9×15	0.6	13.5	29
BMT007R5L704FA	7.5	0.7	±20%	420	630	25×9×21	0.6	13.5	29
BMT007R5L105FA	7.5	1.0	±20%	300	450	25×9×21	0.6	13.5	29
BMT007R5L105FB	7.5	1.0	±20%	240	360	31×11×18	0.6	16	29
BMT007R5L155FA	7.5	1.5	0~+40%	210	315	39×13×22	0.6	21	29
BMT007R5L155FB	7.5	1.5	0~+40%	210	315	31×10×21	0.6	16	29
BMT007R5L205FA	7.5	2.0	±20%	210	315	31×10×21	0.6	16	29
BMT007R5L255FA	7.5	2.5	±20%	150	225	39×13×22	0.6	21	27
BMT007R5L335FA	7.5	3.3	±20%	150	225	39×13×27	0.6	21	29
BMT007R5L505FA	7.5	5.0	±20%	90	135	49×17×28	0.8	25.5	29

© BIGCAP® 标准产品外形尺寸图 Shape of standard product

- 中间引出式产品外形示意图:
- Shape of snap-in and lead types supercapacitor:



BMT系列 BMT Series

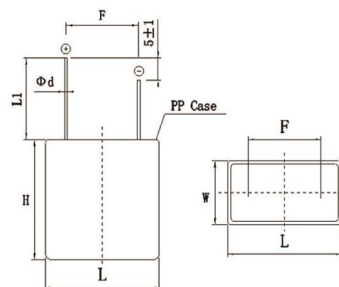
◎ BIGCAP® 标准产品规格 Standard product specification

● 表2

型号 Part Number	额定电压 Nominal Voltage, V dc	容量 Capacitance e F	容量 允许偏差 Cap. tolerance e	内阻 ESR, mΩ		尺寸 Size, mm			
				AC@1kHz	DC	ΦD×L	Φd	F	L1
BMT005R5L474FG	5.5	0.47	0~+80%	180	270	21×10×21	0.6	5.3	29
BMT005R5L474FH	5.5	0.47	0~+40%	600	900	17×9×15	0.6	5.0	29
BMT005R5L474FJ	5.5	0.47	0~+80%	400	600	17×9×15	0.6	5.0	29
BMT005R5L105FD	5.5	1.0	±20%	280	420	17×9×21	0.6	5.0	29
BMT005R5L155FC	5.5	1.5	±20%	200	300	17×9×21	0.6	5.0	29
BMT005R5L205FB	5.5	2.0	0~+40%	140	210	26×13×22	0.6	7.5	27
BMT005R5L205FP	5.5	2.0	±20%	180	270	17×9×21	0.6	5.0	29
BMT005R5L305FB	5.5	3.0	±20%	140	210	21×10×21	0.6	5.3	29
BMT005R5L505FP	5.5	5.0	±20%	130	195	21×10×26	0.6	5.3	29

◎ BIGCAP® 标准产品外形尺寸图 Shape of standard product

- 全密封型产品外形示意图:
- Shape of full seal structure supercapacitor:

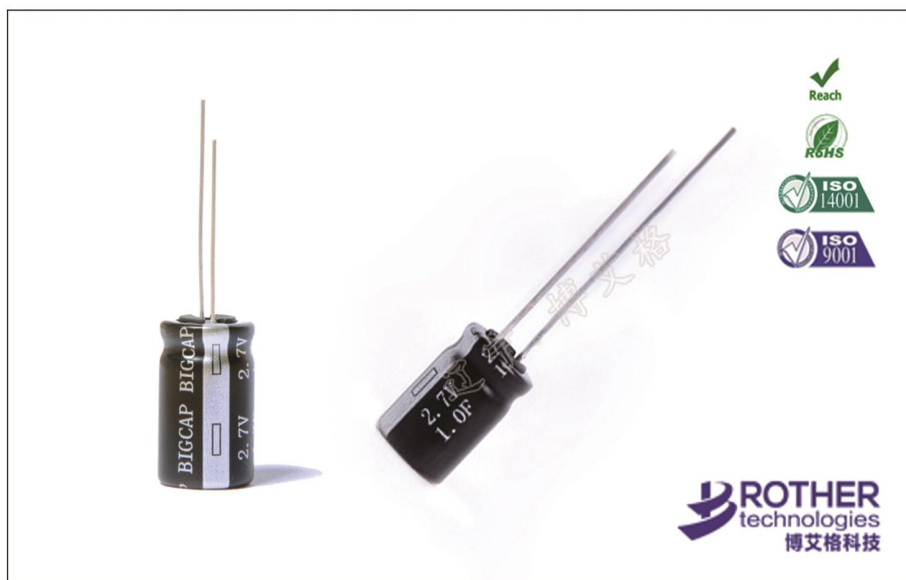


◎ BIGCAP® 标准产品规格 Standard product specification

● 表3

型号 Part Number	额定电压 Nominal Voltage, V dc	容量 Capacitance e F	容量 允许偏差 Cap. tolerance e	内阻 ESR, mΩ		尺寸 Size, mm			
				AC@1kHz	DC	ΦD×L	Φd	F	L1
BMT005R5L224FCW	5.5	0.22	±20%	1000	1500	14.7×8.1×13.5	0.5	9	23
BMT005R5L334FAW	5.5	0.33	0~+40%	800	1200	18×9.6×18	0.6	12	26
BMT005R5L474FAW	5.5	0.47	0~+40%	600	900	18×9.6×18	0.6	12	26
BMT005R5L474FCW	5.5	0.47	0~+80%	400	600	18×9.6×18	0.6	12	26
BMT005R5L105FAW	5.5	1.0	±20%	280	420	18×9.6×25.5	0.6	12	24
BMT005R5L155FAW	5.5	1.5	±20%	200	300	18×9.6×25.5	0.6	12	24
BMT005R5L155FHW	5.5	1.5	±20%	160	240	22×11.6×25.5	0.6	15	24
BMT005R5L155FJW	5.5	1.5	±20%	200	300	22×11.6×22	0.6	12	24
BMT005R5L205FEW	5.5	2.0	±20%	160	240	22×11.6×25.5	0.6	15	24
BMT005R5L255FAW	5.5	2.5	±20%	140	210	22×11.6×25.5	0.6	15	24

BRE系列 BRE Series



◎ 产品特点 / Features

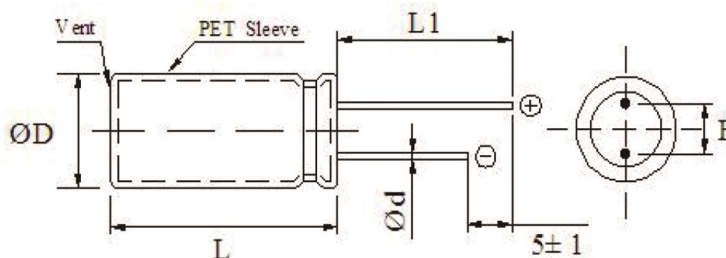
- 圆柱外形结构, 超低内阻;
- 符合ROHS标准, 无Cd、Pb等污染物质;
- 充放电循环寿命长;
- 超低漏电流, 适合与电池配合使用。
- Cylindrical shape structure, ultra-low internal resistance;
- Comply with ROHS standards no Cd Pb and other pollutants;
- Long charge-discharge cycle life;
- Ultra-low leakage current, suitable for use with battery.

◎ 应用 / Applications

- 工作电流100mA~几百A, 工作时间微秒级至几分钟;
- 可用于POS机、玩具、汽车行驶记录仪(黑匣子)、GPS导航、手持终端等。
- Working current greater than 100mA, working hours microseconds to a few minutes;
- Can be used for POS、toys、car recorder (black box)、GPS navigation、hand-held terminals, etc.

◎ BIGCAP® 标准产品外形尺寸图 Shape of standard product

- 导针型超级电容器示意图;
- Shape of wire lead supercapacitor:



BRE系列 BRE Series

◎ **BIGCAP®** 标准产品规格 Standard product specification

● 表1

型号 Part Number	额定电压 Nominal Voltage ,V dc	容量 Capacitance F	容量 允许偏差 Cap.olerance	内阻 ESR, mΩ		尺寸 Size, mm			
				AC@1kHz	DC	ΦD×L	Φd	F	L1
BRE002R7L104FA	2.7	0.1	0~+40%	900	1350	5×12	0.5	2.0	28
BRE002R7L104FB	2.7	0.1	0~+40%	900	1350	5×9.8	0.5	2.0	28
BRE002R7L154FA	2.7	0.15	±20%	800	1200	5×12	0.5	2.0	28
BRE002R7L154FB	2.7	0.15	±20%	900	1350	5×9.8	0.5	2.0	28
BRE002R7L224FA	2.7	0.22	±20%	1200	1800	5×12	0.5	2.0	28
BRE002R7L224FB	2.7	0.22	±20%	1200	1800	5×9.8	0.5	2.0	28
BRE002R7L254FA	2.7	0.25	0~+40%	1000	1500	5×12	0.5	2.0	28
BRE002R7L254FB	2.7	0.25	±20%	1000	1500	6.3×12	0.5	2.5	28
BRE002R7L354FA	2.7	0.35	±20%	800	1200	5×12	0.5	2.0	28
BRE002R7L504FA	2.7	0.5	0~+40%	1000	1500	6.3×12	0.5	2.5	28
BRE002R7L504FB	2.7	0.5	±20%	1000	1500	5×12	0.5	2.0	28
BRE002R7L504FC	2.7	0.5	±20%	1000	1500	6.3×9.8	0.5	2.5	28
BRE002R7L704FA	2.7	0.7	0~+40%	900	1350	8×13	0.6	3.5	30
BRE002R7L105FA	2.7	1.0	0~+40%	700	1050	8×13	0.6	3.5	30
BRE002R7L105FB	2.7	1.0	0~+40%	600	900	8×19	0.6	3.5	30
BRE002R7L105FC	2.7	1.0	0~+80%	600	900	8×13	0.6	3.5	30
BRE002R7L105FD	2.7	1.0	±20%	700	1050	6.3×12	0.5	2.5	28
BRE002R7L105FE	2.7	1.0	0~+40%	200	300	8×15	0.6	3.5	30
BRE002R7L105FG	2.7	1.0	0~+80%	160	240	10×20	0.6	5.0	30
BRE002R7L105FH	2.7	1.0	0~+40%	400	600	8×10	0.6	3.5	30
BRE002R7L205FA	2.7	2.0	±20%	300	450	8×19	0.6	3.5	30
BRE002R7L205FB	2.7	2.0	±20%	300	450	10×20	0.6	5.0	30
BRE002R7L305FA	2.7	3.0	0~+40%	300	450	8×19	0.6	3.5	30
BRE002R7L305FB	2.7	3.0	±20%	300	450	8×16	0.6	3.5	30
BRE002R7L335FA	2.7	3.3	±20%	250	375	10×20	0.6	5.0	30
BRE002R7L335FB	2.7	3.3	±20%	200	300	10×16	0.6	5.0	30
BRE002R7L405FA	2.7	4.0	±20%	160	240	10×20	0.6	5.0	30
BRE002R7L475FA	2.7	4.7	±20%	140	210	12.5×21	0.6	5.0	28
BRE002R7L475FB	2.7	4.7	±20%	130	195	10×20	0.6	5.0	30
BRE002R7L475FC	2.7	4.7	±20%	140	210	12.5×21	0.6	5.0	28
BRE002R7L505FA	2.7	5.0	0~+40%	130	195	10×20	0.6	5.0	30
BRE002R7L605FA	2.7	6.0	±20%	130	195	10×20	0.6	5.0	30
BRE002R7L705FA	2.7	7.0	±20%	130	195	10×25	0.6	5.0	30
BRE002R7L805FA	2.7	8.0	±20%	110	165	12.5×21	0.6	5.0	28
BRE002R7L805FC	2.7	8.0	±20%	120	180	12.5×20	0.6	5.0	28
BRE002R7L106FA	2.7	10	±20%	100	150	12.5×26	0.6	5.0	28
BRE002R7L106FB	2.7	10	±20%	100	150	12.5×34	0.6	5.0	28
BRE002R7L106FC	2.7	10	±20%	120	180	12.5×21	0.6	5.0	28
BRE002R7L106FD	2.7	10	±20%	100	150	10×30	0.6	5.0	30

BRP系列 BRP Series



◎ 产品特点 / Features

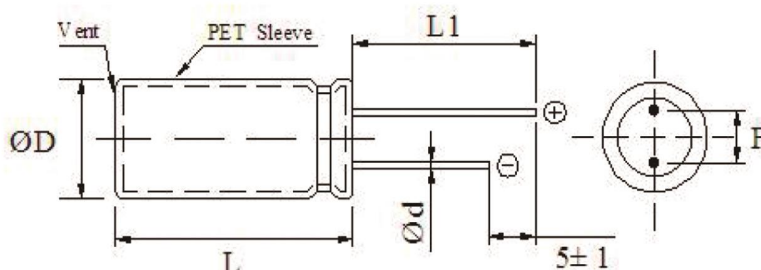
- 圆柱外形结构, 超低内阻;
- 符合ROHS标准, 无Cd、Pb等污染物质;
- 充放电循环寿命长;
- 适合中大功率放电;
- 耐压高, 达到2.8V, 同等条件下使用高可靠性。
- Cylindrical shape structure, ultra-low internal resistance;
- Comply with ROHS standards no Cd Pb and other pollutants;
- Long charge-discharge cycle life;
- Suitable for high power discharge;
- High voltage up to 2.8V, under the same conditions with high reliability.

◎ 应用 / Applications

- 工作电流100mA~几百A, 工作时间微秒级至几分钟;
- 可用于启动装置、雷管、税控机, 玩具, 电力设备等。
- Working current greater than 100mA, working hours microseconds to a few minutes;
- Can be used for starting device, detonator, the tax control machine, toys, electrical power equipment, etc.

◎ BIGCAP® 标准产品外形尺寸图 Shape of standard product

- 导针型超级电容器示意图:
- Shape of wire lead supercapacitor:



BRP系列 BRP Series

◎ **BIGCAP®** 标准产品规格 Standard product specification

● 表1

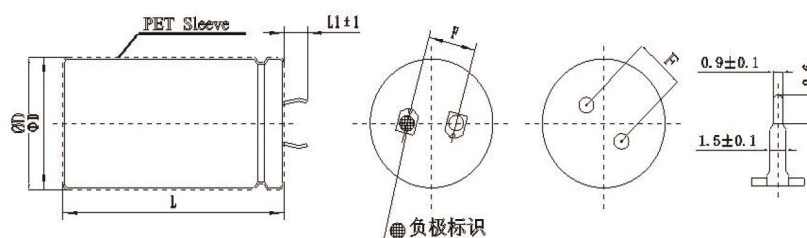
型号 Part Number	额定电压 Nominal Voltage, V dc	容量 Capacitance F	容量 允许偏差 Cap.olerance	内阻 ESR, mΩ		尺寸 Size, mm			
				AC@1kHz	DC	ΦD×L	Φd	F	L1
BRP002R8L104FA	2.8	0.1	0~+40%	450	675	5×12	0.5	2.0	28
BRP002R8L104FB	2.8	0.1	0~+40%	450	675	5×9.8	0.5	2.0	28
BRP002R8L154FA	2.8	0.15	±20%	400	600	5×12	0.5	2.0	28
BRP002R8L154FB	2.8	0.15	±20%	450	675	5×9.8	0.5	2.0	28
BRP002R8L224FA	2.8	0.22	±20%	500	750	5×12	0.5	2.0	28
BRP002R8L224FB	2.8	0.22	±20%	500	750	5×9.8	0.5	2.0	28
BRP002R8L254FA	2.8	0.25	±20%	500	750	5×12	0.5	2.0	28
BRP002R8L254FB	2.8	0.25	±20%	500	750	6.3×12	0.5	2.5	28
BRP002R8L354FA	2.8	0.35	±20%	400	600	5×12	0.5	2.0	28
BRP002R8L504FA	2.8	0.5	0~+40%	500	750	6.3×12	0.5	2.5	28
BRP002R8L504FB	2.8	0.5	±20%	500	750	5×12	0.5	2.0	28
BRP002R8L504FC	2.8	0.5	±20%	500	750	6.3×9.8	0.5	2.5	28
BRP002R8L704FA	2.8	0.7	0~+40%	400	600	8×13	0.6	3.5	30
BRP002R8L105FA	2.8	1.0	0~+40%	300	450	8×13	0.6	3.5	30
BRP002R8L105FB	2.8	1.0	0~+40%	200	300	8×19	0.6	3.5	30
BRP002R8L105FC	2.8	1.0	0~+80%	200	300	8×13	0.6	3.5	30
BRP002R8L105FD	2.8	1.0	±20%	300	450	6.3×12	0.5	2.5	28
BRP002R8L105FE	2.8	1.0	0~+40%	100	150	8×15	0.6	3.5	30
BRP002R8L105FG	2.8	1.0	0~+80%	80	120	10×20	0.6	5.0	30
BRP002R8L105FH	2.8	1.0	0~+40%	200	300	8×10	0.6	3.5	30
BRP002R8L205FA	2.8	2.0	±20%	140	210	8×19	0.6	3.5	30
BRP002R8L205FB	2.8	2.0	±20%	140	210	10×20	0.6	5.0	30
BRP002R8L305FA	2.8	3.0	0~+40%	100	150	8×19	0.6	3.5	30
BRP002R8L305FB	2.8	3.0	±20%	120	180	8×16	0.6	3.5	30
BRP002R8L335FA	2.8	3.3	±20%	80	120	10×20	0.6	5.0	30
BRP002R8L335FB	2.8	3.3	±20%	100	150	10×16	0.6	5.0	30
BRP002R8L405FA	2.8	4.0	±20%	80	120	10×20	0.6	5.0	30
BRP002R8L475FA	2.8	4.7	±20%	70	105	12.5×21	0.6	5.0	28
BRP002R8L475FB	2.8	4.7	±20%	70	105	10×20	0.6	5.0	30
BRP002R8L505FA	2.8	5.0	0~+40%	70	105	10×20	0.6	5.0	30
BRP002R8L505FB	2.8	5.0	±20%	70	105	16×26	0.8	7.5	30
BRP002R8L605FA	2.8	6.0	±20%	70	105	10×20	0.6	5.0	30
BRP002R8L705FA	2.8	7.0	±20%	70	105	10×25	0.6	5.0	30

BRP系列 BRP Series

BRP002R8L805FA	2.8	8.0	±20%	50	75	12.5×21	0.6	5.0	28
BRP002R8L805FC	2.8	8.0	±20%	50	75	12.5×20	0.6	5.0	30
BRP002R8L106FA	2.8	10	±20%	50	75	12.5×26	0.6	5.0	30
BRP002R8L106FB	2.8	10	±20%	50	75	12.5×34	0.6	5.0	30
BRP002R8L106FC	2.8	10	±20%	60	90	12.5×21	0.6	5.0	28
BRP002R8L106FD	2.8	10	±20%	50	75	10×30	0.6	5.0	30
BRP002R8L126FB	2.8	12	0~+40%	50	75	12.5×26	0.6	5.0	30
BRP002R8L156FA	2.8	15	±20%	30	45	16×26	0.8	7.5	30
BRP002R8L156FB	2.8	15	±20%	30	45	18×41	0.8	8.0	30
BRP002R8L166FA	2.8	16	±20%	30	45	16×21	0.8	7.5	30
BRP002R8L206FA	2.8	20	±20%	25	37.5	16×34	0.8	7.5	30
BRP002R8L226FA	2.8	22	±20%	25	37.5	16×26	0.8	7.5	30
BRP002R8L256FA	2.8	25	±20%	25	37.5	16×34	0.8	7.5	30
BRP002R8L306FA	2.8	30	±20%	25	37.5	16×34	0.8	7.5	30
BRP002R8L306FB	2.8	30	±20%	25	37.5	18×25	0.8	8.0	30
BRP002R8L406FA	2.8	40	±20%	20	30	18×41	0.8	8.0	30
BRP002R8L506FA	2.8	50	±20%	20	30	18×41	0.8	8.0	30
BRP002R8L606FA	2.8	60	±20%	15	22.5	18×41	0.8	8.0	30
BRP002R8L706FA	2.8	70	±20%	15	22.5	18×52	0.8	8.0	30
BRP003R0L105FA	3.0	1.0	0~+40%	300	450	8×13	0.6	3.5	30
BRP003R0L305FA	3.0	3.0	0~+40%	100	150	8×19	0.6	3.5	30
BRP003R0L335FA	3.0	3.3	±20%	80	120	10×20	0.6	5.0	30
BRP003R0L335FB	3.0	3.3	±20%	100	150	10×16	0.6	5.0	30
BRP003R0L505FA	3.0	5.0	0~+40%	70	105	10×20	0.6	5.0	30
BRP003R0L226FA	3.0	22	±20%	25	37.5	16×26	0.8	7.5	30
BRP003R0L256FA	3.0	25	±20%	25	37.5	16×34	0.8	7.5	30

◎ BIGCAP® 标准产品外形尺寸图 Shape of standard product

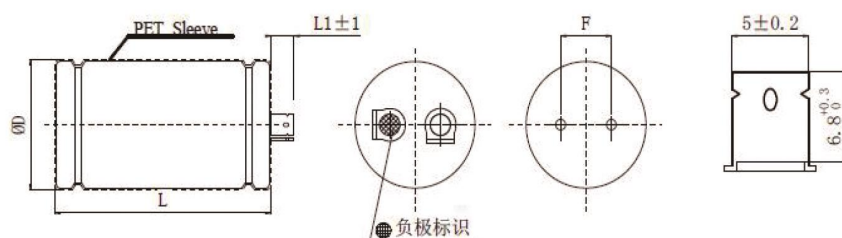
- 盖板型超级电容器示意图:
- Shape of snap-in and lead types supercapacitor



BRP系列 BRP Series

◎ BIGCAP® 标准产品外形尺寸图 Shape of standard product

- 盖板型超级电容器示意图:
- Shape of snap-in and lead types supercapacitor

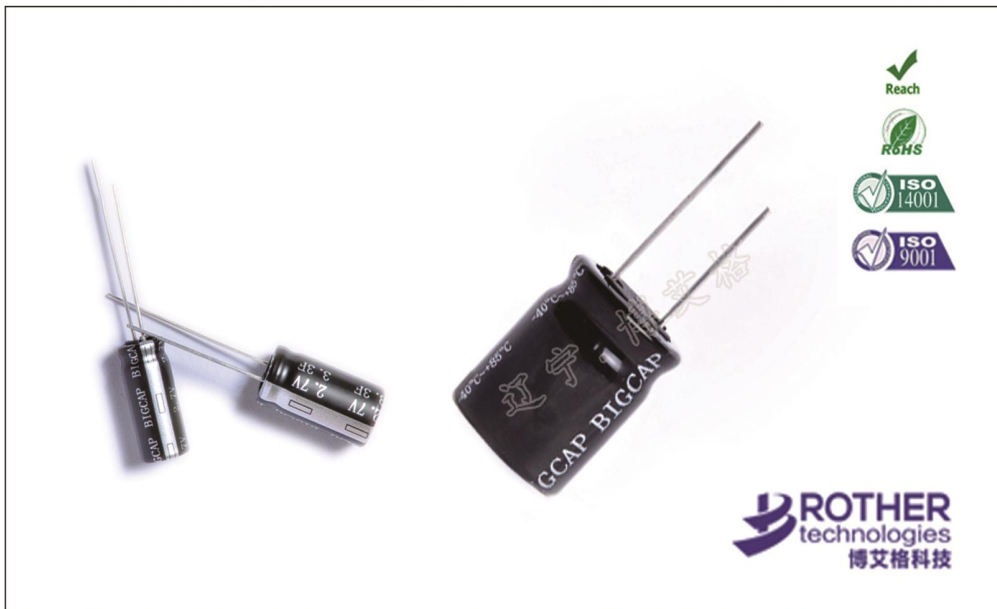


◎ BIGCAP® 标准产品规格 Standard product specification

- 表2

型号 Part Number	额定电压 Nominal Voltage ,V dc	容量 Capacitance F	容量 允许偏差 Cap.olerance	内阻 ESR, mΩ		尺寸 Size, mm		
				AC@1kHz	DC	ΦD×L	F	L1
BRP002R8S606FA	2.8	60	±20%	14	16	22.4×45.5	10	5.5
BRP002R8S107FA	2.8	100	±20%	12	14	22.4×45.5	10	5.5
BRP002R8S157FA	2.8	150	±20%	12	14	25.2×52.5	10	5.5
BRP002R8S207FB	2.8	200	±20%	10	11	35.6×61.5	10	6.5
BRP002R8S307FA	2.8	300	±20%	8	9	35.6×61.5	10	6.5
BRP002R8S367FB	2.8	360	±20%	8	9	35.6×61.5	10	6.5
BRP002R8C207FB	2.8	200	±20%	10	11	35.6×61.5	14	6.5
BRP002R8C307FA	2.8	300	±20%	2.7	3	35.6×61.5	14	6.5
BRP002R8C307FB	2.8	300	±20%	8	9	35.6×61.5	14	6.5
BRP002R8C367FA	2.8	360	±20%	2.7	3	35.6×61.5	14	6.5
BRP002R8C367FB	2.8	360	±20%	8	9	35.6×61.5	14	6.5
BRP003R0S157FA	3.0	150	±20%	12	18	25.2×52.5	10	6.5
BRP003R0S367FB	3.0	360	±20%	8	12	35.6×61.5	10	6.5
BRP003R0C367FA	3.0	360	±20%	3	4.5	35.6×61.5	14	6.5
BRP003R0C367FB	3.0	360	±20%	8	12	35.6×61.5	14	6.5

BRT系列 BRT Series



◎ 产品特点 / Features

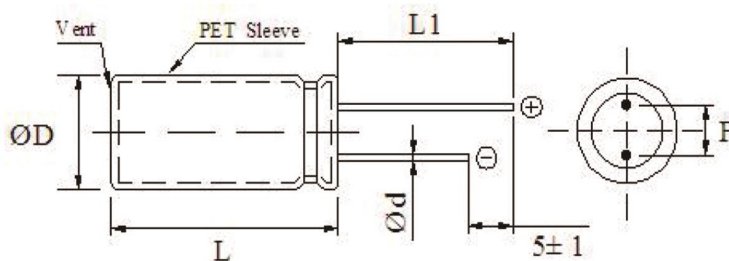
- 圆柱外形结构，超低内阻；
- 符合ROHS标准，无Cd、Pb等污染物质；
- 充放电循环寿命长；
- 适合中大功率放电；
- 耐温高，可在+85℃的环境下使用。
- Cylindrical shape structure, ultra-low internal resistance;
- Comply with ROHS standards no Cd Pb and other pollutants;
- Long charge-discharge cycle life;
- Suitable for high power discharge;
- High temperature resistant, can be used in + 85℃ environment.

◎ 应用 / Applications

- 工作电流100mA~几百A，工作时间微秒级至几分钟；
- 可用于启动装置、雷管、税控机，玩具，电力设备等。
- Working current greater than 100mA, working hours microseconds to a few minutes;
- Can be used for starting device, detonator, the tax control machine, toys, electrical power equipment, etc.

◎ BIGCAP® 标准产品外形尺寸图 Shape of standard product

- 导针型超级电容器示意图；
- Shape of wire lead supercapacitor;



BRT系列 BRT Series

◎ **BIGCAP® 标准产品规格**
Standard product specification

● 表1

型号 Part Number	额定电压 Nominal Voltage, V dc	容量 Capacitance F	容量 允许偏差 Cap.olerance	内阻 ESR, mΩ		尺寸 Size, mm			
				AC@1kHz	DC	ΦD×L	Φd	F	L1
BRT002R7L104FA	2.7	0.10	0~+40%	450	675	5×12	0.5	2.0	28
BRT002R7L154FA	2.7	0.15	±20%	400	600	5×12	0.5	2.0	28
BRT002R7L224FA	2.7	0.22	±20%	500	750	5×12	0.5	2.0	28
BRT002R7L254FA	2.7	0.25	±20%	500	750	5×12	0.5	2.0	28
BRT002R7L354FA	2.7	0.35	±20%	400	600	5×12	0.5	2.0	28
BRT002R7L504FA	2.7	0.50	0~+40%	500	750	6.3×12	0.5	2.5	28
BRT002R7L105FA	2.7	1.0	0~+40%	300	450	8×13	0.6	3.5	30
BRT002R7L205FA	2.7	2.0	±20%	140	210	8×19	0.6	3.5	30
BRT002R7L205FB	2.7	2.0	±20%	140	210	10×20	0.6	5.0	30
BRT002R7L305FA	2.7	3.0	0~+40%	100	150	8×19	0.6	3.5	30
BRT002R7L405FA	2.7	4.0	±20%	80	120	10×20	0.6	5.0	30
BRT002R7L505FA	2.7	5.0	±20%	70	105	10×20	0.6	5.0	30
BRT002R7L605FA	2.7	6.0	±20%	70	105	10×20	0.6	5.0	30
BRT002R7L705FA	2.7	7.0	±20%	70	105	10×25	0.6	5.0	30
BRT002R7L805FA	2.7	8.0	±20%	50	75	12.5×21	0.5	5.0	28
BRT002R7L106FA	2.7	10	±20%	50	75	12.5×26	0.5	5.0	30
BRT002R7L126FB	2.7	12	0~+40%	50	75	12.5×26	0.5	5.0	30
BRT002R7L156FA	2.7	15	±20%	30	45	16×26	0.8	7.5	30
BRT002R7L166FA	2.7	16	±20%	30	45	16×21	0.8	7.5	30
BRT002R7L206FA	2.7	20	±20%	25	37.5	16×34	0.8	7.5	30

BUP系列 BUP Series



◎ 产品特点 / Features

- 圆柱外形结构, 超低内阻;
- 符合ROHS标准, 无Cd、Pb等污染物质;
- 充放电循环寿命长;
- 适合中大功率放电;
- 耐压高, 达到2.8V, 同等条件下使用高可靠性。
- Cylindrical shape structure, ultra-low internal resistance;
- Comply with ROHS standards no Cd Pb and other pollutants;
- Long charge-discharge cycle life;
- Suitable for high power discharge;
- High voltage up to 2.8V, under the same conditions with high reliability.

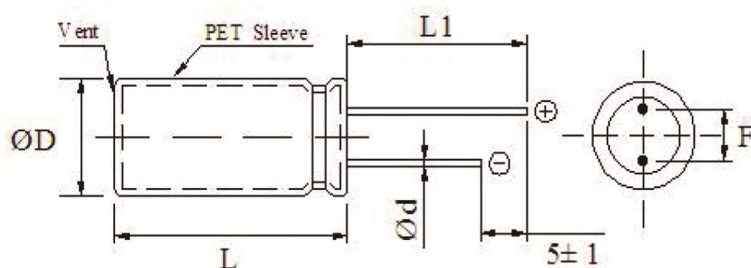
◎ 应用 / Applications

- 工作电流100mA~几百A, 工作时间微秒级至几分钟;
- 可用于启动装置、雷管、税控机, 玩具, 电力设备等。
- Working current greater than 100mA, working hours microseconds to a few minutes;
- Can be used for starting device, detonator, the tax control machine, toys, electrical power equipment, etc.

BUP系列 BUP Series

◎ BIGCAP® 标准产品外形尺寸图 Shape of standard product

- 导针型超级电容器示意图:
- Shape of wire lead supercapacitor:



◎ BIGCAP® 标准产品规格 Standard product specification

- 表1

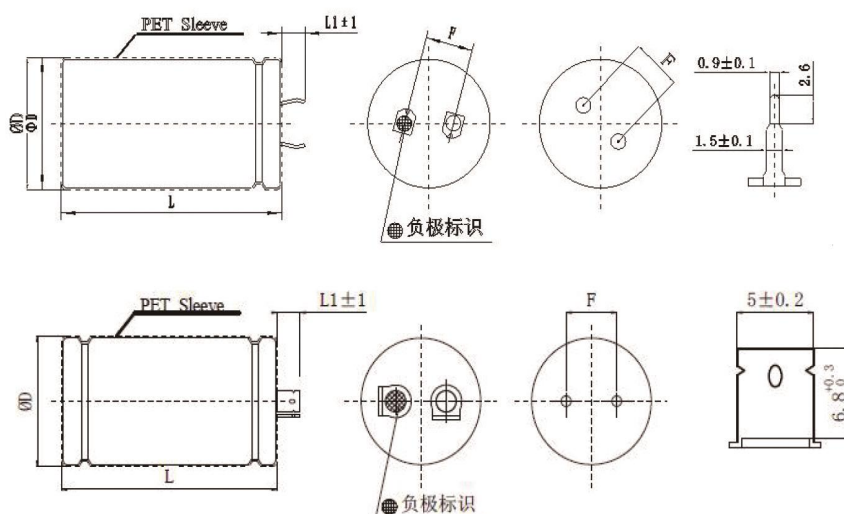
型号 Part Number	额定电压 Nominal Voltage ,V dc	容量 Capacitance F	容量 允许偏差 Cap.olerance	内阻 ESR, m Ω		尺寸 Size, mm			
				AC@1kHz	DC	$\Phi D \times L$	Φd	F	L1
BUP002R8L504FA	2.8	0.5	$\pm 20\%$	800	1200	5×9.8	0.5	2.0	28
BUP002R8L105FB	2.8	1.0	$\pm 20\%$	450	675	6.3×12	0.5	2.5	28
BUP002R8L105FC	2.8	1.0	$\pm 20\%$	400	600	6.3×9.8	0.5	2.5	28
BUP002R8L105FD	2.8	1.0	-40%—0	550	825	5×12	0.5	2.0	28
BUP002R8L105FG	2.8	1.0	-40%—0	550	825	5×12	0.5	2.0	28
BUP002R8L155FA	2.8	1.5	$\pm 20\%$	350	525	6.3×12	0.5	2.5	28
BUP002R8L205FA	2.8	2.0	$\pm 20\%$	300	450	8×13	0.6	3.5	30
BUP002R8L355FA	2.8	3.5	$\pm 20\%$	70	105	8×19	0.6	3.5	30
BUP002R8L455FA	2.8	4.5	$\pm 20\%$	90	135	8×19	0.6	3.5	30
BUP002R8L505FA	2.8	5.0	$\pm 20\%$	70	105	8×24	0.6	3.5	30
BUP002R8L705FA	2.8	7.0	$\pm 20\%$	80	120	10×20	0.6	5.0	30
BUP002R8L705FB	2.8	7.0	$\pm 20\%$	65	97.5	10×20	0.6	5.0	30
BUP002R8L805FA	2.8	8.0	$\pm 20\%$	45	67.5	8×32	0.6	3.5	30
BUP002R8L805FB	2.8	8.0	$\pm 20\%$	55	82.5	10×20	0.6	5.0	30
BUP002R8L106FA	2.8	10	$\pm 20\%$	65	97.5	10×25	0.6	5.0	30
BUP002R8L106FB	2.8	10	$\pm 20\%$	55	82.5	12.5×21	0.6	5.0	28
BUP002R8L126FA	2.8	12	$\pm 20\%$	60	90	10×27	0.6	5.0	30
BUP002R8L166FA	2.8	16	$\pm 20\%$	45	67.5	12.5×21	0.6	5.0	28
BUP002R8L166FC	2.8	16	$\pm 20\%$	40	60	12.5×26	0.6	5.0	30

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BUP002R8L166FD	2.8	16	±20%	40	60	12.5×34	0.6	5.0	30
BUP002R8L186FA	2.8	18	±20%	40	60	12.5×26	0.6	5.0	30
BUP002R8L206FA	2.8	20	±20%	30	45	12.5×34	0.6	5.0	30
BUP002R8L206FC	2.8	20	±20%	40	60	16×20	0.8	7.5	30
BUP002R8L226FA	2.8	22	±20%	30	45	16×21	0.8	7.5	30
BUP002R8L256FA	2.8	25	±20%	40	60	16×26	0.8	7.5	30
BUP002R8L256FB	2.8	25	±20%	40	60	16×26	0.8	7.5	30
BUP002R8L256FD	2.8	25	±20%	40	60	18×21	0.8	8.0	30
BUP002R8L306FA	2.8	30	±20%	35	52.5	12.5×34	0.6	5.0	
BUP002R8L306FB	2.8	30	±20%	35	52.5	16×26	0.8	7.5	30
BUP002R8L356FA	2.8	35	±20%	35	52.5	16×34	0.8	7.5	30
BUP002R8L406FA	2.8	40	±20%	33	49.5	16×34	0.8	7.5	30
BUP002R8L506FA	2.8	50	±20%	30	45	16×34	0.8	7.5	30
BUP002R8L606FC	2.8	60	±20%	30	45	18×34	0.8	8.0	30
BUP002R8L706FA	2.8	70	±20%	30	45	18×41	0.8	8.0	30
BUP002R8L107FA	2.8	100	±20%	20	30	18×45	0.8	8.0	30

◎ BIGCAP[®] 标准产品外形尺寸图 Shape of standard product

- 盖板型超级电容器示意图:
- Shape of snap-in and lead types supercapacitor:



BUP系列 BUP Series

◎ BIGCAP[®] 标准产品规格 Standard product specification

● 表2

型号 Part Number	额定电压 Nominal Voltage, V dc	容量 Capacitance F	容量 允许偏差 Cap.olerance	内阻 ESR, mΩ		尺寸 Size, mm		
				AC@1kHz	DC	ΦD×L	F	L1
BUP002R8S127FA	2.8	120	±20%	12	14	22.4×45.5	10	5.5
BUP002R8S227FA	2.8	220	±20%	10	12	30.6×50.0	10	6.5
BUP002R8S277FA	2.8	270	±20%	8	9	30.6×50.0	10	6.5
BUP002R8S407FA	2.8	400	±20%	4.6	5	35.6×61.5	10	6.5
BUP002R8C407FB	2.8	400	±20%	8	9	35.6×61.5	14	6.5
BUP002R8C407FA	2.8	400	±20%	2.7	3	35.6×61.5	14	6.5
BUP002R8C507FA	2.8	500	±20%	2.5	2.8	35.6×68	14	6.5
BUP002R8C507FB	2.8	500	±20%	6	7	35.6×68	14	6.5
BUP003R0S127FA	3.0	120	±20%	12	18	22.4×45.5	10	5.5



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