



CHiRX

Development is the absolute principle

容鑫电子有限公司
CHIRX ELECTRON CO., LTD



公司理念：

海纳百川，有容则鑫。



Enterprise Introduction 企业简介

乐清市容鑫电子有限公司成立于2006年(前身为乐清市容鑫电容器厂), 公司位于浙南沿海素有“中国电器之都”的温州柳市。

公司拥有先进的生产设备和检验仪器, 始终坚持“质量为本”的方针, 专业生产CBB60、CBB61、CBB65、CD 13、CD60、CJ40、CJ41、CJ48等系列电容器。产品主要用于家用电器、电动工具、通讯设备、仪器仪表和工业自动化设备等交流、直流和脉动电路以及广泛用于各种工业电子设备。

容鑫牌电容器采用优质的材料和精湛的工艺, 具有稳定的性能和可靠的质量。产品符合GB/T3667.1—2005国家标准, 并通过了ISO9001国际质量体系认证、欧共体CE及中国质量认证中心的CQC自愿性产品认证。

公司恪守诚信为本, 用户至上, 质量第一, 以服务为基础, 不断创新, 竭诚为新老客户提供优良的产品和优质的服务。

Yueqing city Rongxin Electronics Co., Ltd. was established in 2006 (formerly Yueqing city Xin Capacitor plant), company is located in the south Zhejiang coast has long been known as "China's electrical appliances capital" Liu shi Wenzhou City.

Companies with advanced production equipment and testing equipment, always adhere to the "quality-oriented" approach, professional production CBB60, CBB61, CBB65, CD 13, CD60, CJ40, Cj41, CJ48 series capacitor. Products are mainly used for household appliances, electrical tools, communications equipment, instrumentation and industrial automation equipment exchanges, DC and pulse circuit and widely used in all kinds of industrial electronic equipment.

Rongxin brand capacitor using quality materials and exquisite craft, with stable performance and reliable quality. GB/T3667.1—2005 products meet national standards, and through the ISO9001 international quality system certification. EC CE and the China Quality Certification Center of CQC voluntary product certification.

Abide by the integrity of this company, users come first, quality first, a service base, and continued innovation. dedicated to old and new customers excellent products and high quality services.



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Production Confluence



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CBB60

金属化聚丙烯薄膜电容器

Metallized polypropylene
film capacitor



产品特点：具有损耗小、抗湿性强、电性能优良，可靠性好、容量大、使用寿命长和良好的自愈性能。

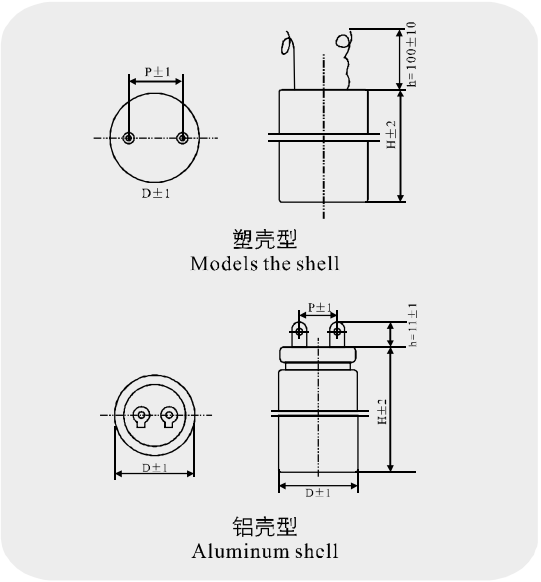
产品用途：本产品适用于电风扇、洗衣机、电冰箱、空调等设备、仪器的交流电机启动和运转。

Product characteristics : with a small loss, anti-moist, excellent electrical performance, reliability, large capacity, long life and good self-healing properties.
Product use: This product is suitable for equipment, the instrument and so on electric fan, washer, electric refrigerator, airconditioning alternating current machine start and the revolution.

主要性能指标 Specifications

项目 Item	技术指标 Technical specification
使用温度 Operating temperature	-40℃ ~ +70℃
容量范围 Capacitance range	2μF ~ 100μF
允许偏差 Capacitance tolerance	J(±5%),K(±10%)
额定电压 Rated voltage	250V,400V,450V,630V
引出端电压 Withstand voltage	AC≥1.75Un 2S (Imax≤1.3InA)
引出端与外壳间电压 Withstand & box voltage	AC≥2000V 2S (仅对金属外壳)
损耗角 Dissipation factor	≤0.004 (1KHz,20℃)
绝缘电阻 Insulation resistance	≥3000S
气候类别 Weather category	40/70/21

产品结构图 Product structure drawing



标准产品外形尺寸(mm)
Case size of Standard Products (mm)

标称容量(μF) Capacitance Range(μF)	额定电压(V) Rated voltage	250V	400V ~ 450V	630V
		D×H		
3		34×50	34×50	34×60
5		34×50	34×50	34×60
6		34×50	34×50	38×70
8		34×50	34×60	38×70
10		34×50	34×60	42×70
12		34×50	38×70	42×70
15		34×60	38×70	42×80
16		34×60	38×70	42×80
20		38×70	42×70	45×90
25		38×70	42×80	45×90
30		42×70	50×100	50×100
35		42×70	50×100	50×120
40		45×90	50×100	50×120
45		45×90	50×100	55×120
50		45×90	50×100	60×120
60		45×90	50×120	60×120
100		50×100		

CBB61

金属化聚丙烯薄膜电容器

Metallized polypropylene
film capacitor



产品特点：具有损耗小、抗湿性强、电性能优良，可靠性好、容量大、使用寿命长和良好的自愈性能。

产品用途：本产品适用于电风扇、洗衣机、电冰箱、空调等设备、仪器的交流电机启动和运转。

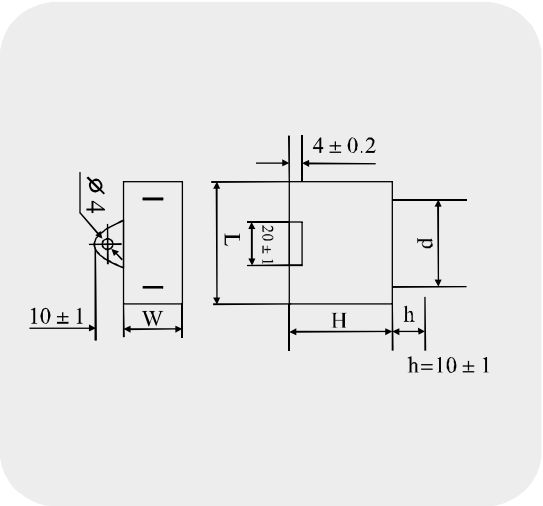
Product characteristics : with a small loss, anti-moist, excellent electrical performance, reliability, large capacity, long life and good self-healing properties.

Product use: This product is suitable for equipment, the instrument and so on electric fan, washer, electric refrigerator, air conditioning alternating current machine start and the revolution.

主要性能指标 Specifications

项目 Item	技术指标 Technical specification
使用温度 Operating temperature	-40℃ ~ +70℃
容量范围 Capacitance range	0.8 μF ~ 25μF
允许偏差 Capacitance tolerance	J (± 5%)K (± 10%)
额定电压 Rated voltage	250V, 400V, 450V, 630V
引出端电压 Withstand voltage	AC ≥ 1.75Un 2S (Imax ≤ 1.3InA)
损耗角 Dissipation factor	≤ 0.004 (1KHz, 20℃)
绝缘电阻 Insulation resistance	≥ 3000S
气候类别 Weather category	40/70/21

产品结构图 Product structure drawing



标准产品外形尺寸(mm)
Case suxe of Standate Products (mm)

额定电压(V) Rated voltage 标称容量(μF) Capacitance Range(μF)	250V	400-450V	630V
	L×W×H (长×宽×高)		
1	36.5×11×24.5	36.5×11×24.5	36.5×16×29.5
1.5	36.5×11×24.5	36.5×11×24.5	36.5×16×29.5
2	36.5×11×24.5	36.5×16×29.5	38×20×30
2.4	36.5×11×24.5	36.5×16×29.5	47×17.5×34.5
3	36.5×16×29.5	38×20×30	47×17.5×34.5
3.5	36.5×16×29.5	38×20×30	47×20×37.5
4	38×20×30	47×17.5×34.5	47×20×37.5
5	47×17.5×34.5	47×20×37.5	50×23×40
6	47×17.5×34.5	47×20×37.5	50×23×40
8	47×20×37.5	50×23×40	58×25×42
10	47×20×37.5	58×25×42	58×25×42
12	47×20×37.5	58×25×42	58×31×57
15	50×23×40	58×28×50	58×31×57
20	58×25×42	58×31×57	
25	58×25×42		

CBB65

金属化聚丙烯薄膜电容器
Metallized polypropylene
film capacitor



产品特点：具有损耗小、电性能优良，可靠性好、容量大、使用寿命长和良好的防爆、自愈性能。

产品用途：本产品适用于电风扇、洗衣机、电冰箱、空调等电器、设备的交流电机启动和运转用，还广泛使用于单、三相电源设备上。

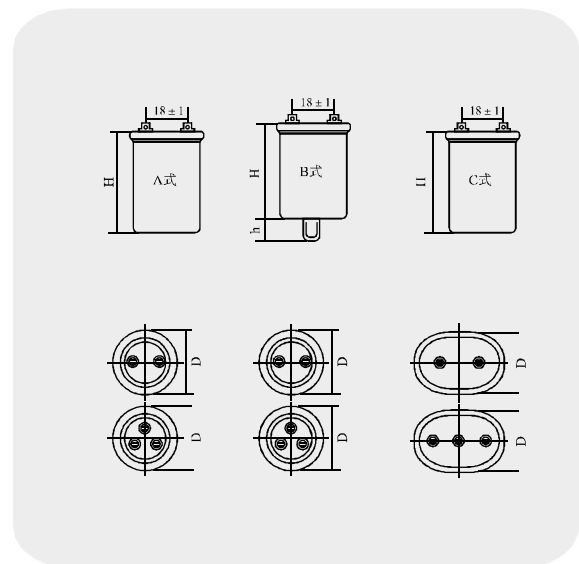
Product characteristics : Loss is small, excellent electrical performance, reliability, large capacity, long service life and good explosion, self-healing properties.

Product use: This product applies to electric fans, washing machines, refrigerators, air-conditioners and other electrical appliances, electrical equipment exchanges with start and operation, also widely used in single-and three-phase power equipment.

主要性能指标 Specifications

项目 Item	技术指标 Technical specification
使用温度 Operating temperature	-25℃ ~ +85℃
容量范围 Capacitance range	8 μF ~ 60 μF
允许偏差 Capacitance tolerance	J (±5%) K (±10%)
额定电压 Rated voltage	250V, 450V, 540V
引出端电压 Withstand voltage	AC ≥ 1.75U _n 2S (I _{max} ≤ 1.3I _n)
引出端与外壳间电压 Withstand & box voltage	AC ≥ 2000V 2S
损耗角 Dissipation factor	≤ 0.004 (1KHz, 20℃)
绝缘电阻 Insulation resistance	≥ 3000S
气候类别 Weather category	25/85/21

产品结构图 Product structure drawing



标准产品外形尺寸(mm)

Case suxe of Standate Products (mm)

型 号 Model	标称容量(μF) Capacitance Range(μF)	电压(V) Voltage (V)	尺寸(mm) Size(mm)
CBB65	20	450	50×100
CBB65	25	450	50×100
CBB65	30	450	50×100
CBB65	35	450	50×125
CBB65	40	450	50×125
CBB65	50	450	50×125
CBB65	60	450	55×125
CBB65A	4	450	52×31.5×55
CBB65A	6	450	52×31.5×55
CBB65A	8	450	52×31.5×55
CBB65A	10	450	52×31.5×80
CBB65A	12	450	52×31.5×80
CBB65A	13	450	71×45×80
CBB65A	15	450	71×45×80
CBB65A	18	450	71×45×80
CBB65A	20	540	71×45×125
CBB65A	25	540	71×45×125
CBB65A	26	540	71×45×125

型 号 Model	标称容量(μF) Capacitance Range(μF)	电压(V) Voltage (V)	尺寸(mm) Size(mm)
CBB65A	30	540	71×45×135
CBB65A	35	540	71×45×135
CBB65A	40	540	71×45×135
CBB65A	50	540	71×45×135
CBB65A	60	540	71×45×135
CBB65B	6	450	34×60
CBB65B	10	450	42×83
CBB65B	16	450	42×83
CBB65B	20	450	50×100
CBB65B	25	450	50×100
CBB65B	30	450	50×100
CBB65B	35	450	50×100
CBB65B	40	450	50×100
CBB65B	50	450	50×100
CBB65B	60	450	50×120
CBB65B	50	500	65×125
CBB65B	60	500	65×125

CD60

铝电解电容器

Electrolytic capacitor
series of aluminium



产品特点：具有损耗小、体积小、容量大、电气性能优良，质量稳定可靠的特点。

产品用途：本产品用于单相交流电动机(50Hz 或 60Hz)的启动,使电动机在较低的启动电流下能够获得较高的转矩。

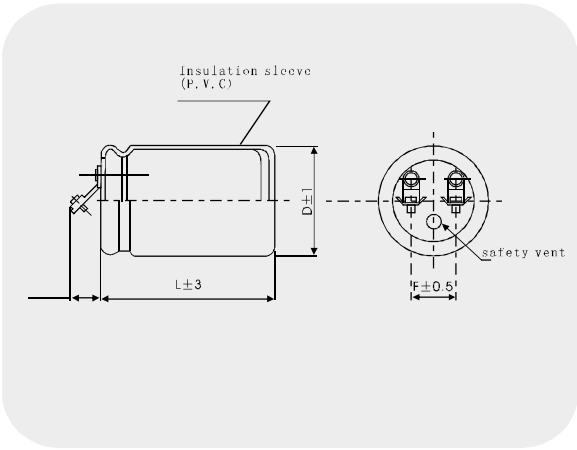
Product characteristic: Has loses, the volume slightly small, the capacity big, the electrical specification is fine, quality stable reliable characteristic

Product use: This product uses in the single-phase motor (50Hz or 60Hz) the start, causes the electric motor to flow off at the lower start electricity can obtain a higher torque.

主要性能指标 Specifications

项目 Item	技术指标 Technical specification
使用温度 Operating temperature	-10℃~+55℃
额定电压 Rated voltage	110~330V AC
容量范围 Capacitance range	25 μ F ~ 1000 μ F
容量允许偏差 Capacitance tolerance	± 10%, ± 15%, ± 20%, 0~+30%
损耗角 Dissipation factor	≤0.15 (120Hz, 20℃)

产品结构图 Product structure drawing



标准产品外形尺寸(mm)
Case suxe of Standate Products (mm)

额定电压(V) Rated voltage 标称容量(μF) Capacitance Range(μF)	250V	275V
	D×H	
50	35×59	35×59
100	35×59	35×59
150	35×67	35×67
200	42×67	42×67
250	45×87	45×87
300	45×87	45×87
350	45×97	45×97
400	45×97	45×97
500	45×102	45×102
600	51×108	51×108
800	51×108	51×108

CD13

铝电解电容器

Electrolytic capacitor
series of aluminium



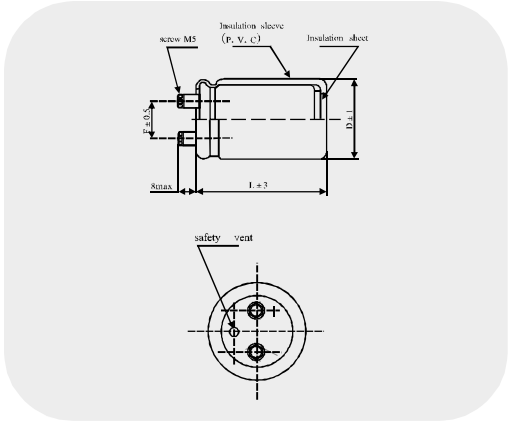
产品特点：具有容量大、高频低阻、耐高纹波电流，质量稳定可靠的特点。
产品用途：本产品用于工业电源、变频器和各种设备的滤波回路等直流和脉动电路中。

Product characteristic: Has the capacity to be big, the high frequency low resistivity, bears the high ripple electric current, the quality stable reliable characteristic.
Product use: This product uses in industry in power source, frequency changer and each kind of equipment direct current and the pulsation electric circuit and so on filter return route.

主要性能指标 Specifications

项目 Item	技术指标 Technical specification
使用温度 Operating temperature	$U_R: 10V \sim 80V -40 \sim +85^{\circ}C$ $U_R: 100V \sim 500V -25 \sim +85^{\circ}C$
容量允许偏差 Capacitance tolerance	$\pm 20\%$ (100Hz / 120Hz 20°C)
漏电流 Leakage Current	$I \leq 0.03C_R U_R (\mu A)$ 或 $5mA$ (取小值) (5分钟) $I \leq 0.03C_R U_R (\mu A)$ OR $5mA$ (Whichever is smaller) (5 minutes)
损耗角正切 Dissipation factor (20°C 100Hz / 12Hz)	$U_R (V)$ 10-16 25-160 200-250 ≥ 315
	$C_R (\mu F)$ ≤ 2200 3300-15000 22000-68000 ≥ 100000
	$\tan \delta$ 0.30 0.50 0.80 1.20
	0.25 0.30 0.25
高温负荷特性 Endurance	+85°C 5000/小时 5000 Hours
	电容量变化 Capacitance Change: $\leq \pm 20\%$
	漏电流: $I \leq$ 规定值 Leakage Current: $I \leq$ The Specified Value
	损耗角正切: $\tan \delta \leq$ 规定值的2倍或0.4(取大值) Dissipation Factor: $\tan \delta \leq 2$ Times The Value Specified OR 0.4 (Whichever is Greater)

产品结构图 Product structure drawing



标准产品外形尺寸(mm)
Case suxe of Standate Products (mm)

额定电压(V) Rated voltage(V)	10	16	25	32	50	63	80	100	160	200	250	315	400	450	500
标称容量(μF) Capacitance Range(μF)	DXH (mm)														
330											35×50	35×50	35×80	35×80	42×80
470												35×80	35×80	35×80	42×80
680										35×80	35×80	35×80	42×80	42×100	42×100
1000									35×80	42×80	42×80	42×80	50×80	50×100	50×120
1500									35×80	42×80	50×80	42×100	50×100	63.5×100	63.5×100
2200								35×80	42×80	50×80	50×100	42×120	50×100	63.5×120	63.5×120
3300							35×50	42×80	50×80	50×100	50×120	63.5×115	63.5×115	76×140	76×140
4700						35×50	35×80	50×80	50×100	63.5×100	63.5×120	76×115	76×115	76×180	76×140
6800					35×60	35×60	35×80	50×100	50×120	63.5×120	76×11	76×115	76×150	76×215	76×215
10000				35×80	35×80	42×80	42×80	63.5×100	63.5×120	76×115	576×150	76×150	76×215	89×215	89×215
15000			35×80	35×80	42×80	42×80	42×80	63.5×130	76×115	76×150	76×180	76×215	89×215		
22000		42×80	42×80	42×80	42×80	50×80	50×80	76×115	76×130	76×180	89×215	89×215			
33000	42×80	42×80	42×80	42×80	50×100	50×100	63.5×100	76×140	89×150	89×180					
47000	42×80	42×80	42×120	50×100	50×120	63.5×120	76×115	76×180	89×215	89×215					
68000	42×80	42×120	50×120	50×120	63.5×120	76×130	76×150	89×215							
100000	42×80	42×120	50×120	63.5×100	76×130	76×180	76×180								
150000	42×120	50×100	63.5×120	76×150	76×180	76×215	89×180								
220000	50×120	50×120	76×140	76×180	76×215	89×215	89×215								

CJ40

交流金属化电容器

Metal exchange of capacitors



产品特点：立式矩形金属外壳，全密封结构，防潮性好，耐冲击，电性能稳定可靠，具有良好的自愈性等特点。

产品用途：本产品用于无线电通讯设备或各种电子设备的直流或脉动电路中。

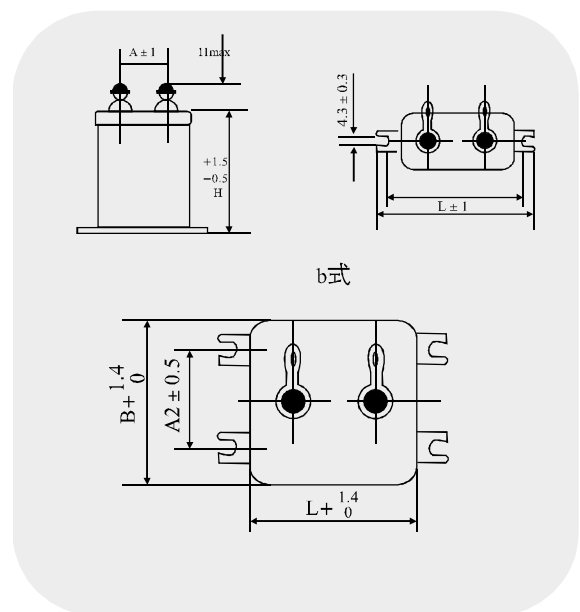
Product characteristic: Vertical rectangular metal outer covering, entire seal structure, moisture-resistance good, bears the impact stably, the electricity performance is reliable, has good from and so on the characteristic.

Product use: This product uses in the wireless communication equipment either in each kind of electronic installation direct current or the pulsation electric circuit.

主要性能指标 Specifications

项 目 Item	技 术 指 标 Technical specification																				
使用温度 Operating temperature	-55℃ ~ +70℃																				
电容偏差 Capacitance tolerance	J (± 5 %)K(± 10 %)																				
损耗角 Dissipation factor	≤0.015 (≤0.004)																				
耐电压 Standing voltage	两引出端间能承受1.5倍额定电压1分钟，无闪络或击穿。引出端与外壳间能承受50Hz交流电压： a. 额定电压 ≤630V的为750V； b. 额定电压 >630V的为1.2倍额定电压1分钟，无飞弧或击穿。 Between the two leads - to withstand 1.5 times the rated voltage a minute, no flashover or breakdown. Leads to end with the shell can withstand between 50Hz AC voltage : a. Rated voltage <= 630V is 750V; b. rated voltage > 630V is 1.2 time of rated voltages 1 minute, no arcing or breakdown.																				
绝缘电阻 Insulation resistance	(温度为+20℃时) 引出端间的绝缘电阻应不小于下表规定： 引出头与外壳间的绝缘电阻应不小于5KMQ 。 (When temperature +20℃) The Insulation resistance between the two leads no less than the belowing provision: Leads to head with shell of insulation resistance no less than 5KMQ.																				
	<table><tr><th>标称容量(μF) Capucitance Range(μF)</th><th colspan="3">绝缘电阻 Insulation resistance</th></tr><tr><td></td><th>160V</th><th>250V</th><th>≥400V</th></tr><tr><td>≤0.1</td><td></td><td></td><td>5000M Ω</td></tr><tr><td>≥0.22</td><td>200S</td><td>500S</td><td>1000S</td></tr><tr><td>≥10</td><td>200S</td><td>300S</td><td>1000S</td></tr></table>	标称容量(μF) Capucitance Range(μF)	绝缘电阻 Insulation resistance				160V	250V	≥400V	≤0.1			5000M Ω	≥0.22	200S	500S	1000S	≥10	200S	300S	1000S
标称容量(μF) Capucitance Range(μF)	绝缘电阻 Insulation resistance																				
	160V	250V	≥400V																		
≤0.1			5000M Ω																		
≥0.22	200S	500S	1000S																		
≥10	200S	300S	1000S																		

产品结构图 Product structure drawing



标准产品外形尺寸(mm)

Case suxe of Standate Products (mm)

额定电压(V) Rated voltage(V) 标称容量(μF) Capacitance Range(μF)	160	250	400	630	1000	1600
0.10				1	7	7
0.22			1	2	7	7
0.47		1	2	4	7	9
1	1	2	4	7	9	12
2	2	4	7	9	13	17
4	4	7	7	13	18	19
10	8	8	10	18	20	21
15	9	10	12			
20	10	10	14			
25	11	14				
30	14	14				

CJ41

交流金属化电容器

Metal exchange of capacitors



产品特点：立式矩形金属外壳，全密封结构，防潮性好，耐冲击，电性能稳定可靠，具有良好的自愈性等特点。

产品用途：本产品用于无线电通讯设备或各种电子设备的直流或脉动电路中。

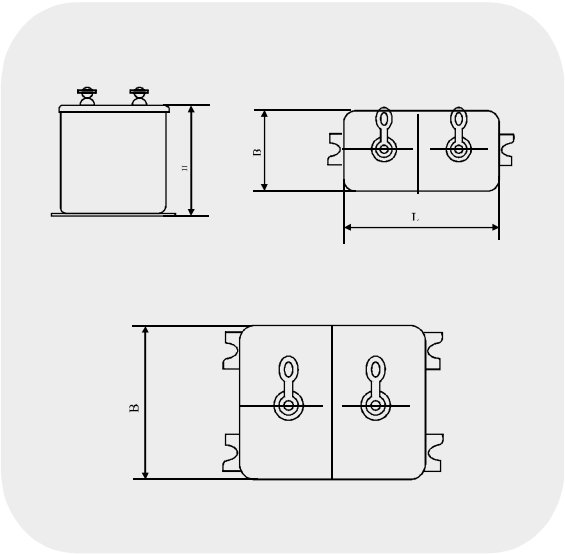
Product characteristic: Vertical rectangular metal outer covering, entire seal structure,moisture-resistance good, bears the impact stably, the electricityperformance is reliable, has good from and so on the characteristic.

Product use: This product uses in the wireless communication equipment either ineach kind of electronic installation direct current or the pulsationelectric circuit.

主要性能指标 Specifications

项目 Item	技术指标 Technical specification
使用温度 Operating temperature	-55℃~+70℃
电容偏差 Capacitance tolerance	J (± 5%)K(± 10%)
损耗角 Dissipation factor	≤0.015 (≤0.004)
耐电压 Standing voltage	两引出端间能承受额定电压1分钟，无闪络或击穿。 引出端与外壳间能承受750V交流电压1分钟,无飞弧或击穿。 Between the two leads - rated voltage to withstand a minute, no flashover or breakdown. Shell-led and capable of 750V AC voltage withstand a minute, no arcing or breakdown.
绝缘电阻 Insulation resistance	(温度为+20℃时) 两引出端之间 ≥ 200S; 引出端与外壳间 ≥ 5KMΩ。 (Temperature of +20 ° C) between the two leads - ≥ 200S; Leads to end with the shell between ≥ 5KMΩ .

产品结构图 Product structure drawing



标准产品外形尺寸(mm)
Case suxe of Standate Products (mm)

额定电压(V) Rated voltage(V) 标称容量(μF) Capacitance Range(μF)	160	250	400	630
0. 22				1
0. 47				2
1		1	2	4
2	2	2	4	7
4	4	7	7	9
10	8	8	10	14
20	10	10	14	17
30	12	14		

CJ48

交流金属化电容器

Metal exchange of capacitors



产品特点：采用优质浸渍料，全密封结构，防潮、散热性能好，耐冲击，低损耗，性能稳定可靠，使用寿命长等特点。

产品用途：本产品用于变频调速、整流装置等电力电子线路及工频交流电路。

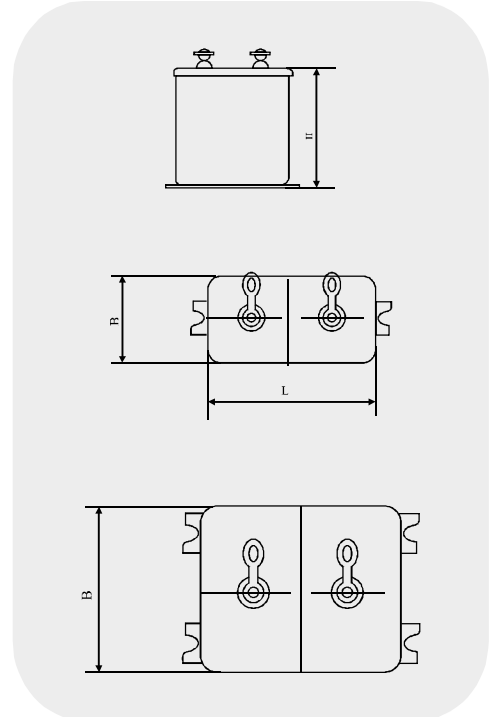
Product characteristic: Impregnation using quality materials, all enclosed structure, moisture-proof, cooling performance and impact resistance, low-loss performance is stable and reliable, long service life characteristics.

Product use: This product uses in electric power electronic circuit and the laborfrequency alternating-current circuit and so on frequency conversionvelocity modulation, rectifier unit.

主要性能指标 Specifications

项目 Item	技术指标 Technical specification
使用温度 Operating temperature	-55℃~+70℃
电容偏差 Capacitance tolerance	J (± 5%)K (± 10%)
损耗角 Dissipation factor	≤0.01 (≤0.003)
耐电压 Standing voltage	(试验电压为50Hz交流有效值)两引出端间： 正常气压时为额定电压的1.3倍1分钟，无闪络或击穿； 低气压时为额定电压的1.1倍1分钟，无闪络或击穿。 引出端与外壳间： 额定电压≤250V的试验电压为600V 1分钟，无飞弧或击穿； 额定电压≥500V的试验电压为额定电压的1.3倍1分钟，无飞弧或击穿。 (Test voltage of 50Hz AC RMS) between the two leads end : At normal atmospheric pressure of the rated voltage of 1.3 times a minute, no flashover or breakdown; When low pressure of the rated voltage of 1.1 times a minute, no flashover or breakdown. Leads to end with the shell between : The rated voltage ≤250V testing voltage is the 600V 1 minute, no arcing or or breakdown; The rated voltage ≥500V testing voltage for the rated voltage 1.3times of 1 minute, no arcing or or breakdown.
绝缘电阻 Insulation resistance	(温度为+20℃时) 额定电压≥250V，两引出端间≥1000S； 额定电压为150V，两引出端间≥20MΩ·UF， 引出端与外壳间 ≥5KMΩ。 (Temperature of +20℃) Rated voltage ≥250V, between two leading-out terminals ≥1000S; The rated voltage is 150V, between two leading-out terminals ≥20MΩ·UF, Leads to end with the shell between ≥5KMΩ.

产品结构图 Product structure drawing



标准产品外形尺寸(mm)

Case suxe of Standate Products (mm)

额定电压(V) Rated voltage(V) 标称容量(μF) Capacitance Range(μF)	250	500	750	1000	1500	2000	2500	3000	3500
0.25		2	5	7	8	10	13	14	15
0.5	2	5	7	7	8	10	13	15	18
1	5	8	10	10	13	18	18	19	20
2	7	10	13	13	14	19	19	20	21
4	7	10	14	15	18	20	20	21	
10	10	14	18						



容鑫电子有限公司

CHIRX ELECTRON CO., LTD

ADD:Houjie Industrail Zone,Huancheng East Road,Liushi Town,Zhejiang,China

Tel:0086-577-62760255

Fax:0086-577-62790455

Http://www.chrx.cn Http://www.chrxdrq.cn

E-mail:chrxc@chrxc.cn motorcapacitors@yahoo.com

Msn:yqrx@hotmail.com