



## 公司简介 Company Profile

深圳市特锐祥电子有限公司成立于2004年，是一家集研发、生产、销售于一体的电容器专业生产厂家。公司拥有全自动化的生产设备、精密的检测仪器和完善的生产制造工艺。产品规格齐全，价格具竞争力，交期短、服务优。

Shenzhen Teruixiang Electronics Co., Ltd is a professional capacitor manufacturer estimated in 2004 which integrates research, development, production and sales. We have the automatic production line, Precision test equipments and the perfect production process. We have all series products, competitive price, shorten lead-time and good service.

## 资质认证 Certification

体系认证 System Certification  
ISO9001、ISO14001

安规认证 Safety Certification  
CUL、VDE、ENEC、CQC

所有的产品均符合RoHS、REACH以及无卤素要求  
All products can meet RoHS, REACH and Halogen free requirements.

## 主要产品 Main Product

- |              |  |
|--------------|--|
| ■ Y1安规陶瓷电容器  | ■ Y1 Safety Ceramic Capacitor                |
| ■ Y2安规陶瓷电容器  | ■ Y2 Safety Ceramic Capacitor                |
| ■ 放电瓷介电容器    | ■ Spark Gap Ceramic Disc Capacitor           |
| ■ 瓷介电容器      | ■ Ceramic Disc Capacitor                     |
| ■ 独石电容器      | ■ Monolithic Ceramic Capacitor               |
| ■ X2安规电容器    | ■ X2 Metallized Polypropylene Film Capacitor |
| ■ 金属化聚苯烯膜电容器 | ■ Metallized Polypropylene Film Capacitor    |
| ■ 涤纶电容器      | ■ Polyester Capacitor                        |
| ■ 金属化聚酯膜电容器  | ■ Metallized polyester Capacitor             |
| ■ 压敏电阻       | ■ Varistor                                   |

## 企业文化 Enterprise Culture

企业宗旨 Enterprise Tenet

全员参与、持续改善、追求质量零缺陷  
Participation of all employees, continuous improvement, and pursuit of zero defect quality

经营理念 Management Conception

求实、进取、协和、满意、以质为本、以创新求发展  
Reality, Harmonization, Satisfaction, Quality as principal and Development by innovation

## Y1 Safety Ceramic Capacitor Y1安规陶瓷电容器



温度特性 T.C.	精度 Tol.	额定电压 Rated Vol.	容量 Capacitance	尺寸 Dimensions (mm)			
				D±1.0	T±0.8	F±0.8	d±0.05
Y5P	K	400V AC	101 151 221 271	6	4.5	10	0.55
			331	7			
			391 471	8.5			
			561 681	9.5			
			821	10			
Y5U	M	400V AC	102	11	4.5	10	0.55
			471	6			
			102	8			
			152	9			
			222	11			
Y5V	M	400V AC	272 332	12	4.5	10	0.55
			392	13			
			472	15			
			471 102	6			
			152	7			
			222 272	9			
			332	10			
			392 472	11			

## Y2 Safety Ceramic Capacitor Y2安规陶瓷电容器



温度特性 T.C.	精度 Tol.	额定电压 Rated Vol.	容量 Capacitance	尺寸 Dimensions (mm)			
				D±1.0	T±0.8	F±0.8	d±0.05
Y5P	K	250V AC	101 151 221 271 331	6	3.5	7.5 / 10	0.55
			391 471	7			
			561 681	8			
			821 102	10			
Y5U	M	250V AC	102	7	3.5	7.5 / 10	0.55
			152	8			
			222	10			
			272	11			
Y5V	M	250V AC	332 392 472	12	3.5	7.5 / 10	0.55
			102	6			
			152 222	7			
			272 332	8			
			392 472	10			
			682	12			
			103	14		10	

## Monolithic Ceramic Capacitor 独石电容器



规格 Spec.	芯片尺寸(英寸) Chip Size(Inch)	额定电压 Rated Vol.	容量范围 Capacitance Range					
			NPO(±5%)	X7R(±10%)	Y5V(±20%)	W Max	H Max	T Max
0805	0.17 * 0.15	25V	0P5-332	331-104	103-105	4.5	5	3.8
		50V	0P5-222					
		100V	0P5-102					
1206	0.20 * 0.18	25V	0P5-682	102-224	103-105	4.5	5	3.8
		50V	0P5-472	102-104				
		100V	0P5-392	102-105				
1210	0.20 * 0.22	25V	561-103	102-334	104-155	5.5	7.6	3.8
		50V	561-682	102-224				
		100V	561-472	102-105				
1812	0.34 * 0.26	25V	102-153	103-474	154-335	6.5	6.5	3.8
		50V	102-103	103-334				
		100V	102-682	103-105				
2225	0.41 * 0.37	25V	102-223	103-105	684-475	9.5	10.5	4.2
		50V						
		100V						
3035	0.50 * 0.41	25V	102-104	103-225	105-106	10.5	12.5	4.2
		50V	102-473	103-205				
		100V	102-333	103-105				

## Varistor 压敏电阻



电压代码 Voltage code	5D					7D				
	D Max	T	H Max	F ± 1.0	d	D Max	T	H Max	F ± 1.0	d
180	7.5	4.0	11.0	5.0	0.6	9.0	4.0	12.0	5.0	0.55
220-680	7.5	5.0	11.0	5.0	0.6	9.0	5.0	12.0	5.0	0.55
820-271	7.5	5.0	11.0	5.0	0.6	9.0	5.0	12.0	5.0	0.55
301-561	7.5	6.0	11.0	5.0	0.6	9.0	6.0	12.0	5.0	0.55

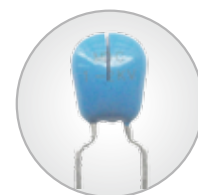
电压代码 Voltage Code													
180	220	270	330	390	470	560	680	820	101	121	151	181	201
221	241	271	301	331	361	391	431	471	511	561	621	681	751
781 821 911 102 112 182													
EX: 180=18V, 101=100V 182=1800V													

电压代码 Voltage code	10D					14D					20D				
	D Max	T	H Max	F ± 1.0	d	D Max	T	H Max	F ± 1.0	d	D Max	T	H Max	F ± 1.0	d
180	13.5	4.0	15.5	7.5	0.8	17.0	4.0	20.5	7.5	0.7					
220-680	13.5	5.0	15.5	7.5	0.8	17.0	5.0	20.5	7.5	0.7					
820-271	13.5	5.0	15.5	7.5	0.8	17.0	5.0	20.5	7.5	0.7	23.0	5.0	28.0	10.0	1.0
301-561	13.5	6.0	15.5	7.5	0.8	17.0	6.0	20.5	7.5	0.7	23.0	6.0	28.0	10.0	1.0
621	—	6.0	15.5	7.5	0.8	17.0	6.0	20.5	7.5	0.7	23.0	6.0	28.0	10.0	1.0
681-911	—	7.0	15.5	7.5	0.8	17.0	7.0	20.5	7.5	0.7	23.0	7.0	28.0	10.0	1.0
102-112	—	8.0	15.5	7.5	0.8	17.0	8.0	20.5	7.5	0.7	23.0	8.0	28.0	10.0	1.0
182	—	10.0	15.5	7.5	0.8	17.0	10.0	20.5	7.5	0.7	23.0	11.0	28.0	10.0	1.0

### 备注Remark

- 1、电压精度 Voltage Tolerance: ± 10% (K)。
- 2、引线长度 Leadwire length: 20mm (Min.)。
- 3、d ± 0.05。

## Spark Gap Ceramic Disc Capacitor 放电瓷介电容器



容量 Capacitance	温度特性 T.C.	精度 Tol.	工作电压 Working Vol.	电弧电压 ARC Vol.	尺寸 Dimension		
					D Max.	T Max.	F ± 0.8
0.75pF	Z5P/Z5U	Max.	1.0KV DC	1.0-2.0KV DC	11.0	5.0	5 / 7.5
1000pF	Z5P/Z5U	± 20%	1.5KV DC	2.0-3.0KV DC	11.0	4.5	5 / 7.5
4700pF	Z5P/Z5U	± 20%	3.0KV DC	4.0-6.0KV DC	24.5	6.0	10
10000pF	Z5P/Z5U	± 20%	1.5KV DC	2.0-3.0KV DC	17.5	5.0	10
22000pF	Z5P/Z5U	± 20%	1.5KV DC	2.0-3.0KV DC	24.5	4.5	10

## Ceramic Disc Capacitor 瓷介电容器



### Temperature Compensated Ceramic Capacitor CLASSI: 温度补偿瓷介电容器

额定电压 Rated Vol.	标称容量 Capacitance			尺寸 Dimensions (mm)			
	NP0	N750	SL	D Max	T Max	F ± 0.8	d ± 0.05
50V DC	0P5 ~ 560	0P5 ~ 820	180 ~ 221	5.5	4	5	0.45
	620 ~ 101	101	221 ~ 271	6.5			
	111 ~ 151	121 ~ 151	301 ~ 431	8			
	181 ~ 271	181 ~ 331	471 ~ 681	10			
	301 ~ 391		751 ~ 102	12.5			
500V DC	0P5 ~ 330	0P5 ~ 390	180 ~ 121	5.5	4	5 / 7.5	0.45 0.55
	360 ~ 560	400 ~ 680	121 ~ 151	6.5			
		820 ~ 101	181 ~ 271	8			
		121 ~ 151	331 ~ 471	10			
		181 ~ 221	561	12.5			
1KV DC	0P5 ~ 220	0P5 ~ 330	180 ~ 101	6.5	4	5 / 7.5 / 10	0.45 0.55
	0.45						
	270	390 ~ 680	151 ~ 181	8			
	330 ~ 680	820 ~ 151	221 471	10			
	820 ~ 271	181 ~ 271	561	12.5			
2KV DC	0P5 ~ 270	0P5 ~ 330	4R0 ~ 680	6.5	5	5 / 7.5 / 10	0.45 0.55
	0.45						
	300 ~ 680	470 ~ 560	820 ~ 101	8			
	820 ~ 101	680 ~ 101	121 ~ 271	10			
3KV DC	2P0 ~ 120	2P0 ~ 220	2P0 ~ 220	6.5	6	7.5 / 10	0.55
	0.55						
	150 ~ 220	250 ~ 300	250 ~ 330	8			
	240 ~ 330	330 ~ 390	390 ~ 560	10			
	470		680 ~ 820	12.5			
			101 ~ 221	14			
	101			16			
6KV DC	2P0 ~ 120	2P0 ~ 150	2P0 ~ 150	6.5	7	7.5 / 10	0.55
	0.55						
	150 ~ 220	180 ~ 220	180 ~ 270	8			
	240 ~ 330	240 ~ 270	300 ~ 390	10			
	470		470 ~ 680	12.5			
			820 ~ 151	14			
101			16				

## Ceramic Disc Capacitor 瓷介电容器



High Dielectric Constant Ceramic Capacitor  
CLASSII: 高介电常数瓷介电容器

额定电压 Rated Vol.	标称容量 Capacitance					尺寸 Dimensions (mm)			
	Y5P/X7R	Y5R	BN	Y5U	Y5V	D Max	T Max	F ±0.8	d ±0.05
50V	101~152			222~502	102~103	5.5	4	5	0.45
	182~332			822~103	103	6.5			
	392~562				103~153	8			
	682				153~223	10			
	822~103					12.5			
500V	101~561			102~222	102~332	5.5	4	5 / 7.5	0.45/0.55
	681~122			272~392	392~562	6.5			
	152~272			472~682	682	8			
	332~392			103~123	822~103	10			
	472~682				123~223	12.5			
1KV	101~681	101~471	101~102	821~222	102~272	6.5	4	5 / 7.5 / 10	0.45/0.55
	0.45								
	821~152	561~102	102~182	272~392	332~682	8			
	182~222	122~182	222~332	472~682	103	10			
	272~472	22~2272	392~472	822~103	103	12.5			
	562	332~392	562		223	14			
	682	472	682			16			
103		103		333473	18				
2KV	10~1471	151~331	101~561	102~122	102~222	6.5	5	5 / 7.5 / 10	0.45/0.55
	0.45								
	561~102	391~561	681~102	152~222	272~332	8			
	122~181	681~102	122~152	272~392	392~562	10			
	222~272	122~152	182~272	472~682	682~103	12.5			
	332~392	222	332	103	103	14			
	472	272~332	392~472		153	16			
562~682	392	562~682		223	18				
3KV	101~331		101~331	102	102~152	6.5	6	7.5 / 10	0.55
	0.55								
	391~561	151~331	391~471	122~152	182~222	8			
	681~102	391~681	681~122	182~272	272~392	10			
	122~182	821~102	152~182	332~472	472~682	12.5			
6KV	222		222~272	562~682	103	14	7	7.5 / 10	0.55
	101~271		101~221	471~561	102	6.5			
	0.55								
	331~391		331~391	681~102	152~182	8			
	471~680		471~681	122~182	222~272	10			
821~122		102	222~332	332~472	12.5				
152~182			392	562~682	14				

## Ceramic Disc Capacitor 瓷介电容器



Semiconductor Dielectric Insulator Ceramic Capacitor  
CLASSIII: 半导体瓷介电容器

额定电压 Rated Vol.	标称容量 Capacitance			尺寸 Dimensions (mm)			
	Y5P	Z5U/Y5U	Z5V/Y5V	D Max	T Max	F ±0.8	d ±0.05
10V 16V 25V 50V	628~103	103~333	103~473	5.5	4	5	0.45
	123~223	303~473	563~104	6.5			
	333~503	473~104	104~154	8			
	563~683	823~104	184~224	10			
	823~104			12.5			
100V			103~223	5.5	4	5	0.45
	103~153	223~333	333~473	6.5			
	203~223	473~683	563~104	8			
	333~393	823~104	823~104	10			
	473~683		224	12.5			

## X2 Metallized Polypropylene Film Capacitors X2安规电容器

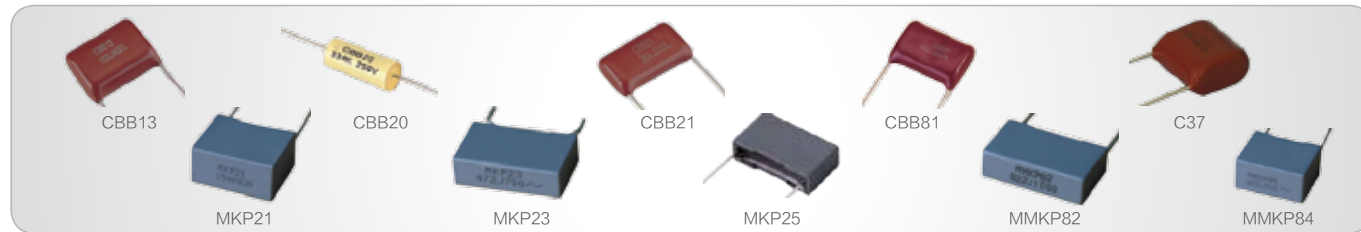


容量 Capacitance	尺寸 Dimensions (mm)				容量 Capacitance	尺寸 Dimensions (mm)			
	W ±1.0	H ±1.0	T ±1.0	F ±0.8		W ±1.0	H ±1.0	T ±1.0	F ±0.8
102 122 152 182 222 272 332 392 472 562 682 822 103 123 153 183 223 273 333	13	11	5	10	105	32	20	11	27.5
104	13	12	6	10	125 155 225	32	22	13	27.5
393 473 563 683 823	18	11	5	15	155	26.5	22	13	27.5
104 124 154	18	12	6	15	185	32	22	13	27.5
184	18	13.5	7.5	15	225	32	28	14	27.5
224 274	18	14.5	8.5	15	255 275	32	31	22	27.5
334	18	14.5	10	15	125	38	24	13	31.5
394	18	16	9.5	15	185 205	38	28	18	31.5
474 684	18	19	11	15	225 255	38	30	20	31.5
224	26.5	16.5	7	22.5	305 335	38.8	31.3	21.7	31.5
334	26.5	17	8.5	22.5	405 475	48	32	22	41.5
474	26.5	19	10	22.5					
564 684	26.5	19	10	22.5					
824	26.5	20	11	22.5					

备注 Remark: 额定电压 Rated Voltage: 250V/275V AC  
容量误差 Capacitance Tol.: ±10% (K)  
线径 Leadwire Diameter: 0.8±0.05mm



## Metallized Polypropylene Film Capacitor 金属化聚丙烯膜电容器



电压Vol.	CBB13	CBB20	CBB21	CBB81	C37
精度Tol.	G J K	J K M	J K M	H J K	J K M
100V DC	0.001uF-0.1uF	0.022uF-15uF	0.01uF-3.3uF		
160V DC	0.001uF-0.1uF	0.022uF-15uF			
200V DC	0.001uF-0.1uF				
250V DC	0.001uF-0.1uF	0.01uF-15uF	0.01uF-3.3uF		
400V DC	0.001uF-0.01uF	0.0068uF-10uF	0.01uF-1.0uF		
450V DC					0.047uF-10uF
520V DC					0.039uF-8.2uF
630V DC	0.001uF-0.01uF	0.001uF-3.3uF	0.001uF-0.56uF	0.001uF-0.036uF	0.027uF-5.6uF
800V DC	0.001uF-0.01uF			0.001uF-0.1uF	
1000V DC		0.001uF-1.5uF	0.001uF-0.01uF	0.001uF-0.036uF	
1200V DC				0.001uF-0.036uF	
1250V DC		0.001uF-1.5uF		0.001uF-0.22uF	
1600V DC				0.001uF-0.036uF	
2000V DC				0.001uF-0.036uF	
2500V DC				0.001uF-0.0078uF	

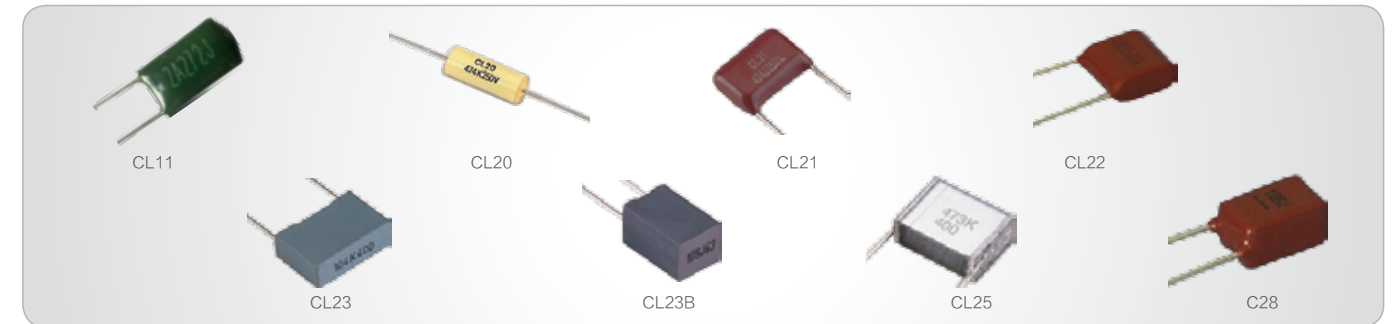
电压Vol.	MKP21	MKP23	MKP25	MMKP82	MMKP84
精度Tol.	G H J K M	H J K	J K M	G H J K M	G H C J K M
160V DC	0.027uF-15uF				
250V DC	0.012uF-15uF			0.0068uF-3.9uF	
400V DC	0.0039uF-5.6uF			0.0027uF-1.8uF	
450V DC			0.00082uF-22uF		
520V DC			0.047uF-18uF		
630V DC	0.001uF-3.3uF		0.027uF-12uF	0.00068uF-1.2uF	0.01uF-0.1uF
800V DC					0.01uF-0.1uF
1000V DC	0.001uF-0.15uF	0.00082uF-0.12uF		0.00047uF-0.47uF	0.00056uF-0.1uF
1300V DC		0.00056uF-0.15uF			
1400V DC		0.00047uF-0.12uF			
1600V DC	0.00056uF-0.1uF	0.00056uF-0.1uF		0.00068uF-0.33uF	0.001uF-0.1uF
2000V DC	0.00056uF-0.56uF	0.00056uF-0.056uF		0.00022uF-0.15uF	0.00051uF-0.12uF
2500V DC		0.00056uF-0.033uF			0.001uF-0.022uF

### 备注Remark

容量误差Capacitance Tolerance:  $\pm 2\%$  (G),  $\pm 3\%$  (H),  $\pm 3.5\%$  (C),  $\pm 5\%$  (J),  $\pm 10\%$  (K),  $\pm 20\%$  (M).

CBB13: 无感金属化聚苯烯膜/箔式电容器 Noninductive Metallized Polypropylene Film / Foil Capacitor  
 CBB20: 金属化聚苯烯膜电容器(轴向型) Metallized Polypropylene Film Capacitor (Axial Type)  
 CBB21: 金属化聚苯烯膜电容器(浸渍型) Metallized Polypropylene Film Capacitor (Dipped Type)  
 CBB81: 高压金属化聚苯烯膜/箔式电容器 High-Voltage Metallized Polypropylene Film / Foil Capacitor  
 C37: 金属化聚苯烯膜电容器(浸渍型) Metallized Polypropylene Film Capacitor (Dipped Type)  
 MKP21: 塑料外壳金属化聚苯烯膜电容器 Plastic Case Metallized Polypropylene Film Capacitor  
 MKP23: 塑料外壳金属化聚苯烯膜电容器 Plastic Case Metallized Polypropylene Film Capacitor  
 MKP25: 塑料外壳金属化聚苯烯膜电容器 Plastic Case Metallized Polypropylene Film Capacitor  
 MMKP82: 塑料外壳双面金属化聚苯烯膜电容器 Plastic Case Double Sided Metallized Polypropylene Film Capacitor  
 MMKP84: 塑料外壳双面金属化聚苯烯膜电容器 Plastic Case Double Sided Metallized Polypropylene Film Capacitor

## Metallized Polyester Film Capacitor 金属化聚酯膜电容器



电压Vol.	CL11	CL20	CL21	CL21X	CL23	CL23B	CL25	C28
50V DC	0.001-0.47	0.33-10	0.01-10			0.001-2.2		0.001-3.3
63V DC					0.47-47	0.001-2.2	0.001-6.8	0.001-3.3
100V DC	0.001-0.47	0.068-10	0.01-10		0.22-33	0.001-1.0	0.001-10	0.001-1.0
250V DC	0.001-0.15	0.047-10	0.01-10	0.22-10	0.068-10	0.001-0.22	0.001-3.3	0.001-0.22
400V DC	0.001-0.1	0.01-3.3	0.01-4.7	0.047-3.3	0.022-6.8	0.001-0.1	0.001-1.0	
500V DC						0.001-0.033		
520V DC				0.022-2.2				
630V DC	0.001-0.047	0.01-1.0	0.01-2.2	0.01-2.2	0.0022-1.0	0.001-0.033	0.001-0.47	
700V DC						0.001-0.022		
1000V DC	0.001-0.01	0.001-0.47	0.001-0.39		0.001-1.5		0.001-0.033	
1250V DC			0.001-0.22					

### 备注Remark

容量单位Capacitance Unit: 微法(uF).

容量误差Capacitance Tolerance:  $\pm 5\%$  (J),  $\pm 10\%$  (K),  $\pm 20\%$  (M).

CL11: 金属化涤纶电容器 Metallized Polyester Capacitors  
 CL20: 金属化聚酯膜电容器(轴向) Metallized Polyester Film Capacitor (Axial Type)  
 CL21: 金属化聚酯膜电容器(浸渍型) Metallized Polyester Film Capacitor (Dipped Type)  
 CL21X: 金属化聚酯膜电容器(浸渍型) Metallized Polyester Film Capacitor (Dipped Type)  
 CL23: 塑料外壳金属化聚酯膜电容器 Plastic Case Metallized Polyester Film Capacitor  
 CL23B: 塑料外壳金属化聚酯膜叠片式电容器 Plastic Case Metallized Polyester Film Stacked Capacitor  
 CL25: 无外封装金属化聚酯膜叠片式电容器 Uncoated Metallized Polyester Film Stacked Capacitor  
 C28: 金属化聚酯膜叠片式电容器(浸渍型) Metallized Polyester Film Stacked Capacitor (Dipped Type)