

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

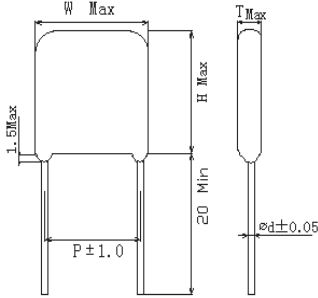
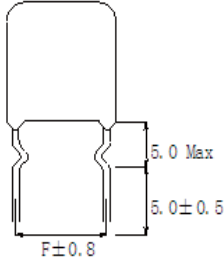
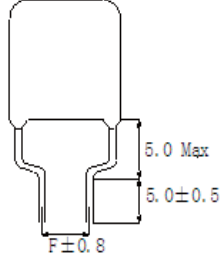
### 特点 / Features

- ◆ 最适合用于低损耗，频率高，大电流的电路。
- ◆ 频率特性，温度特性优越。
- ◆ 适合各种电源开关用。
- ◆ 变频照明用。
- ★ With a low dissipation factor ,best suited to high frequency, large current circuits.
- ★ Excellent frequency and temperature characteristics.
- ★ Various SMPS.
- ★ Lighting inverters .

### 规格 / Specifications

使用温度范围	Temp. Range	- 40~+105℃
额定电压	Rated Voltage	250V, 400V, 450V, 630V, 800V, 1000V, 1250V, 1600V
容量范围	Capacitance Range	250V.dc 0.010~10μF(E-12)      400V,450V.dc 0.010~3.3μF(E-12) 630V.dc 0.010~2.2μF(E-12)      800V,dc 0.0010~0.68μF(E-12) 1000V.dc 0.0010~0.22μF(E-12)    1250V.dc 0.0010~0.18μF(E-12) 1600V.dc 0.0010~0.10μF(E-12)
容量偏差	Capacitance Tolerance	±3% (H) ,±5% (J) ±10% (K) 只应用于250 400 450 630V
损耗角正切	Dissipation Factor	0.0005以下/or less(at 1kHz)
耐电压	Voltage Proof	WV×150% 60 sec or WV×175%1~5sec
绝缘电阻	Insulation Resistance	C≦0.33μF    30,000MΩ以上/or more    (100V.dc/1min) C>0.33μF    10,000ΩF以上/or more    (100V.dc/1min)
高温负荷	Endurance	105℃ 施加 WV×125% 1000Hr △C/C ±5% 以内/with in    tanδ 0.0008以下/or less C≦0.33μF    15,000MΩ以上/or more C>0.33μF    5,000ΩF以上/or more
耐湿负荷	Damp heat	85℃、85%RH 施加 WV 500Hr △C/C ±7% 以内/with in    tanδ 0.0008以下/or less C≦0.33μF    5,000MΩ以上/or more C>0.33μF    1,500ΩF以上/or more

引线尺寸 / Lead dimension(mm)

形状 Style	直引线型 Straight lead type		引线弯曲型 Forming lead type		
					
Cap 范围 Cap range	250V. dc	103~106	F= 7.5	103~913	104~165
			F=10.0	103~434	474~165
			F=12.5		474~165
			F=17.5		185~335
			F=22.5		365~685
			F=27.5		755~106
	400V/450V. dc	103~335	F= 7.5	103~913	104~754
			F=10.0	103~164	184~754
			F=12.5	184~434	474~754
			F=17.5		824~165
			F=22.5		185~225
			F=27.5		245~335
	630V. dc	103~225	F= 7.5	103~303	333~274
			F=10.0	103~753	823~274
			F=12.5	823~154	164~274
			F=17.5		304~754
			F=22.5		824~125
			F=27.5		135~225
	800V. dc	102~684	F= 7.5		102~303
			F=15.0	102~303	333~684
			F=20.0	333~104	
			F=25.0	114~684	
	1000V. dc	102~224	F= 7.5		102~303
			F=15.0	102~303	333~224
			F=20.0	333~104	
			F=25.0	114~224	
	1250V. dc	102~184	F= 7.5		102~163
			F=15.0	102~163	183~184
F=20.0			183~513		
F=25.0			563~184		
1600V. dc	102~104	F= 7.5		102~912	
		F=15.0	102~912	103~104	
		F=20.0	103~203		
		F=25.0	223~104		

编带仕样的引线尺寸 (F)，请参照第27~29页的编带尺寸表。

For a pitch space(F) of the taping specification, refer to "Taping dimensions "on page 27 ~ 29.

## 外形尺寸/ Dimension(mm)

Cap CODE	Cap (μF)	MPE 250V. DC						标准包装数 Number of pieces for packing unit				
								编带 Taping		直脚品 Long		引线弯曲型 Formed
		W	H	T	P	F	Φd	Ammo	Bag	Box	Bag	Box
103	0.010	13.0	9.0	5.5	10.0	7.5/10.0	0.6	1,000	200	1,600	200	1,600
123	0.012	"	"	"	"	"	"	"	"	"	"	"
153	0.015	"	9.5	6.0	"	"	"	"	"	1,000	"	1,000
183	0.018	"	10.0	"	"	"	"	"	"	"	"	"
223	0.022	"	10.5	6.5	"	"	"	"	"	"	"	"
273	0.027	"	"	7.0	"	"	"	"	"	"	"	"
333	0.033	"	9.0	5.5	"	"	"	"	"	"	"	"
393	0.039	"	9.5	6.0	"	"	"	"	"	"	"	"
473	0.047	"	10.0	"	"	"	"	"	"	"	"	"
563	0.056	"	"	6.5	"	"	"	"	"	"	"	"
683	0.068	"	10.5	7.0	"	"	"	"	"	"	"	"
823	0.082	"	11.0	7.5	"	"	"	500	"	"	"	"
104	0.10	15.5	12.0	6.5	12.5	"	"	400	"	"	"	"
124	0.12	"	12.5	7.0	"	"	"	"	100	500	100	500
154	0.15	"	13.0	7.5	"	"	"	"	"	"	"	"
184	0.18	"	11.5	6.0	"	"	"	500	"	"	"	"
224	0.22	"	12.0	6.5	"	"	"	400	"	"	"	"
274	0.27	"	12.5	7.0	"	"	"	"	"	"	"	"
334	0.33	"	13.0	7.5	"	"	"	"	"	"	"	"
394	0.39	"	12.5	9.0	"	"	"	300	"	"	"	"
474	0.47	20.5	13.5	7.0	17.5	7.5/10.0/12.5	0.8	400	"	"	"	"
564	0.56	"	14.0	7.5	"	"	"	"	50	300	50	300
684	0.68	"	14.5	8.0	"	"	"	300	"	"	"	"
824	0.82	"	15.5	8.5	"	"	"	"	"	"	"	"
105	1.0	"	16.0	9.5	"	"	"	"	"	"	"	"
125	1.2	"	17.0	10.0	"	"	"	"	"	200	"	200
155	1.5	"	18.0	11.0	"	"	"	"	"	"	"	"
185	1.8	25.5	19.5	9.5	22.5	17.5	"	"	"	"	"	"
225	2.2	"	20.5	10.5	"	"	"	"	"	"	"	"
275	2.7	"	21.5	11.5	"	"	"	"	20	100	20	100
335	3.3	"	22.5	12.5	"	"	"	"	"	"	"	"
395	3.9	31.0	"	13.0	27.5	22.5	"	"	"	"	"	"
475	4.7	"	24.0	14.0	"	"	"	"	"	"	"	"
565	5.6	"	25.0	15.5	"	"	"	"	"	"	"	"
685	6.8	"	26.0	17.5	"	"	"	"	"	"	"	"
825	8.2	37.0	25.5	17.0	32.5	27.5	"	"	10	50	10	50
106	10.0	"	26.5	20.0	"	"	"	"	"	"	"	"

外形尺寸/ Dimension(mm)

Cap CODE	Cap (μF)	MPE 400/450V. DC						标准包装数 Number of pieces for packing unit				
								编带 Taping	直脚品 Long		引线弯曲型 Formed	
		W	H	T	P	F	Φd	Ammo	Bag	Box	Bag	Box
103	0.010	13.0	9.0	5.5	10.0	7.5/10.0	0.6	1,000	200	1,600	200	1,600
123	0.012	"	"	"	"	"	"	"	"	"	"	"
153	0.015	"	9.5	6.0	"	"	"	"	"	1,000	"	1,000
183	0.018	"	10.0	"	"	"	"	"	"	"	"	"
223	0.022	"	10.5	6.5	"	"	"	"	"	"	"	"
273	0.027	"	"	7.0	"	"	"	"	"	"	"	"
333	0.033	"	9.0	5.5	"	"	"	"	"	"	"	"
393	0.039	"	9.5	6.0	"	"	"	"	"	"	"	"
473	0.047	"	10.0	"	"	"	"	"	"	"	"	"
563	0.056	"	"	6.5	"	"	"	"	"	"	"	"
683	0.068	"	10.5	7.0	"	"	"	"	"	"	"	"
823	0.082	"	11.0	7.5	"	"	"	500	"	"	"	"
104	0.10	15.5	12.0	6.5	12.5	"	"	400	"	"	"	"
124	0.12	"	12.5	7.0	"	"	"	"	100	500	100	500
154	0.15	"	13.0	7.5	"	"	"	"	"	"	"	"
184	0.18	18.5	13.5	7.0	15.0	7.5/10.0/12.5	0.8	"	"	"	"	"
224	0.22	"	14.0	7.5	"	"	"	"	"	"	"	"
274	0.27	"	15.0	8.0	"	"	"	300	50	400	50	400
334	0.33	"	15.5	9.0	"	"	"	"	"	"	"	"
394	0.39	"	"	10.0	"	"	"	"	"	"	"	"
474	0.47	20.5	16.5	9.5	17.5	"	"	"	"	300	"	"
564	0.56	"	17.0	10.5	"	"	"	"	25	200	25	200
684	0.68	"	17.5	12.0	"	"	"	"	"	"	"	"
824	0.82	25.5	18.5	10.0	22.5	17.5	"	"	"	"	"	"
105	1.0	"	19.5	11.0	"	"	"	"	"	"	"	"
125	1.2	"	20.5	12.0	"	"	"	"	20	100	20	100
155	1.5	"	22.0	13.5	"	"	"	"	"	"	"	"
185	1.8	31.0	23.0	13.0	27.5	22.5	"	"	"	"	"	"
225	2.2	"	24.5	14.5	"	"	"	"	"	"	"	"
275	2.7	37.0	24.0	14.0	32.5	27.5	"	"	10	50	10	50
335	3.3	"	25.0	16.5	"	"	"	"	"	"	"	"

## 外形尺寸/ Dimension(mm)

Cap CODE	Cap (μF)	MPE 630V. DC						标准包装数 Number of pieces for packing unit				
								编带 Taping	直脚品 Long		引线弯曲型 Formed	
		W	H	T	P	F	Φd	Ammo	Bag	Box	Bag	Box
103	0.010	13.0	9.0	5.5	10.0	7.5/10.0	0.6	1,000	200	1,600	200	1,600
123	0.012	"	"	"	"	"	"	"	"	"	"	"
153	0.015	"	9.5	6.0	"	"	"	"	"	1,000	"	1,000
183	0.018	"	10.0	"	"	"	"	"	"	"	"	"
223	0.022	"	10.5	6.5	"	"	"	"	"	"	"	"
273	0.027	"	"	7.0	"	"	"	"	"	"	"	"
333	0.033	15.5	11.5	6.5	12.5	"	"	400	"	"	"	"
393	0.039	"	12.0	"	"	"	"	"	"	"	"	"
473	0.047	"	12.5	7.0	"	"	"	"	"	"	"	"
563	0.056	"	13.0	7.5	"	"	"	"	100	500	100	500
683	0.068	"	12.5	9.0	"	"	"	300	"	"	"	"
823	0.082	18.5	14.0	7.0	15.0	7.5/10.0/12.5	0.8	400	"	"	"	"
104	0.10	"	14.5	8.0	"	"	"	300	"	"	"	"
124	0.12	"	15.0	8.5	"	"	"	"	50	300	50	300
154	0.15	"	16.0	9.5	"	"	"	"	"	"	"	"
184	0.18	20.5	"	"	17.5	"	"	"	"	"	"	"
224	0.22	"	17.0	10.0	"	"	"	"	"	"	"	"
274	0.27	"	18.0	11.0	"	"	"	"	25	200	25	200
334	0.33	25.5	18.5	10.0	22.5	17.5	"	"	"	"	"	"
394	0.39	"	19.0	10.5	"	"	"	"	"	"	"	"
474	0.47	"	20.0	11.5	"	"	"	"	"	"	"	"
564	0.56	"	21.0	13.0	"	"	"	"	20	100	20	100
684	0.68	"	22.5	14.0	"	"	"	"	"	"	"	"
824	0.82	31.0	23.5	13.5	27.5	22.5	"	"	"	"	"	"
105	1.0	"	25.0	15.0	"	"	"	"	"	"	"	"
125	1.2	"	26.0	16.5	"	"	"	"	"	"	"	"
155	1.5	37.0	25.5	17.0	32.5	27.5	"	"	10	50	10	50
185	1.8	"	26.0	19.5	"	"	"	"	"	"	"	"
225	2.2	"	28.0	21.0	"	"	"	"	"	"	"	"

## 外形尺寸/ Dimension(mm)

Cap CODE	Cap ( $\mu$ F)	MPE 800V. DC						标准包装数 Number of pieces for packing unit				
								编带 Taping	直脚品 Long		引线弯曲型 Formed	
		W	H	T	P	F	$\Phi$ d	Ammo	Bag	Box	Bag	Box
102	0.0010	18.5	9.0	5.5	15.0	7.5/15.0	0.6	500	100	500	100	500
122	0.0012	"	9.5	6.0	"	"	"	"	"	"	"	"
152	0.0015	"	10.0	6.5	"	"	"	400	"	"	"	"
182	0.0018	"	10.5	7.0	"	"	"	"	"	"	"	"
222	0.0022	"	11.0	7.5	"	"	"	"	"	"	"	"
272	0.0027	"	9.0	5.5	"	"	"	500	"	"	"	"
332	0.0033	"	9.5	6.0	"	"	"	"	"	"	"	"
392	0.0039	"	"	"	"	"	"	"	"	"	"	"
472	0.0047	"	11.0	"	"	"	"	"	"	"	"	"
562	0.0056	"	9.5	"	"	"	"	"	"	"	"	"
682	0.0068	"	10.0	"	"	"	"	"	"	"	"	"
822	0.0082	"	9.0	5.5	"	"	"	"	"	"	"	"
103	0.010	"	9.5	6.0	"	"	"	"	"	"	"	"
123	0.012	"	11.0	"	"	"	"	"	"	"	"	"
153	0.015	"	9.5	"	"	"	"	"	"	"	"	"
183	0.018	"	11.0	"	"	"	"	"	"	"	"	"
223	0.022	"	11.5	"	"	"	0.8	"	"	"	"	"
273	0.027	"	12.5	7.0	"	"	"	400	"	"	"	"
333	0.033	23.5	11.5	6.5	20.0	15.0/20.0	"	"	"	"	"	"
393	0.039	"	12.0	7.0	"	"	"	"	"	"	"	"
473	0.047	"	12.5	7.5	"	"	"	"	"	"	"	"
563	0.056	"	14.0	"	"	"	"	"	50	300	50	300
683	0.068	"	17.0	7.0	"	"	"	"	"	"	"	"
823	0.082	"	17.5	7.5	"	"	"	"	"	"	"	"
104	0.10	"	18.5	8.5	"	"	"	300	"	"	"	"
124	0.12	28.5	17.5	7.5	25.0	15.0/25.0	"	"	25	150	25	150
154	0.15	"	18.5	8.5	"	"	"	"	"	"	"	"
184	0.18	"	20.5	9.0	"	"	"	"	"	"	"	"
224	0.22	"	21.5	10.0	"	"	"	"	"	"	"	"
274	0.27	"	22.5	11.0	"	"	"	"	"	"	"	"
334	0.33	"	23.5	12.0	"	"	"	"	"	"	"	"
394	0.39	"	"	13.5	"	"	"	"	20	100	20	100
474	0.47	"	25.0	15.0	"	"	"	"	"	"	"	"
564	0.56	"	25.5	17.5	"	"	"	"	"	"	"	"
684	0.68	"	27.5	19.0	"	"	"	"	10	50	10	50

## 外形尺寸/ Dimension(mm)

Cap CODE	Cap (μF)	MPE 1000V. DC						标准包装数 Number of pieces for packing unit				
								编带 Taping		直脚品 Long		引线弯曲型 Formed
		W	H	T	P	F	Φd	Ammo	Bag	Box	Bag	Box
102	0.0010	18.5	9.0	5.5	15.0	7.5/15.0	0.6	500	100	500	100	500
122	0.0012	"	9.5	6.0	"	"	"	"	"	"	"	"
152	0.0015	"	10.0	6.5	"	"	"	400	"	"	"	"
182	0.0018	"	10.5	7.0	"	"	"	"	"	"	"	"
222	0.0022	"	11.0	"	"	"	"	"	"	"	"	"
272	0.0027	"	9.0	5.5	"	"	"	500	"	"	"	"
332	0.0033	"	9.5	6.0	"	"	"	"	"	"	"	"
392	0.0039	"	"	"	"	"	"	"	"	"	"	"
472	0.0047	"	11.0	"	"	"	"	"	"	"	"	"
562	0.0056	"	9.5	"	"	"	"	"	"	"	"	"
682	0.0068	"	10.0	"	"	"	"	"	"	"	"	"
822	0.0082	"	9.0	5.5	"	"	"	"	"	"	"	"
103	0.010	"	9.5	6.0	"	"	"	"	"	"	"	"
123	0.012	"	11.0	"	"	"	"	"	"	"	"	"
153	0.015	"	11.5	"	"	"	"	"	"	"	"	"
183	0.018	"	12.0	6.5	"	"	0.8	400	"	"	"	"
223	0.022	"	12.5	7.0	"	"	"	"	"	"	"	"
273	0.027	"	13.0	8.0	"	"	"	300	"	"	"	"
333	0.033	23.5	12.5	7.0	20.0	15.0/20.0	"	400	50	250	50	250
393	0.039	"	13.0	7.5	"	"	"	"	"	"	"	"
473	0.047	"	14.5	"	"	"	"	"	"	"	"	"
563	0.056	"	16.0	8.0	"	"	"	300	"	"	"	"
683	0.068	"	18.0	"	"	"	"	"	"	"	"	"
823	0.082	"	18.5	9.0	"	"	"	"	"	"	"	"
104	0.10	"	19.5	9.5	"	"	"	"	25	"	25	"
124	0.12	28.5	19.0	9.0	25.0	15.0/25.0	"	"	"	150	"	150
154	0.15	"	20.0	10.0	"	"	"	"	"	"	"	"
184	0.18	"	22.0	10.5	"	"	"	"	"	"	"	"
224	0.22	"	23.0	11.5	"	"	"	"	"	100	"	100

## 外形尺寸/ Dimension(mm)

Cap CODE	Cap (μF)	MPE 1250V. DC						标准包装数 Number of pieces for packing unit				
								编带 Taping	直脚品 Long		引线弯曲型 Formed	
		W	H	T	P	F	Φd	Ammo	Bag	Box	Bag	Box
102	0.0010	18.5	9.0	5.5	15.0	7.5/15.0	0.6	500	100	500	100	500
122	0.0012	"	9.5	6.0	"	"	"	"	"	"	"	"
152	0.0015	"	10.0	6.5	"	"	"	400	"	"	"	"
182	0.0018	"	10.5	7.0	"	"	"	"	"	"	"	"
222	0.0022	"	11.0	7.5	"	"	"	"	"	"	"	"
272	0.0027	"	9.0	5.5	"	"	"	500	"	"	"	"
332	0.0033	"	9.5	6.0	"	"	"	"	"	"	"	"
392	0.0039	"	"	"	"	"	"	"	"	"	"	"
472	0.0047	"	11.0	"	"	"	"	"	"	"	"	"
562	0.0056	"	9.5	"	"	"	"	"	"	"	"	"
682	0.0068	"	10.0	"	"	"	"	"	"	"	"	"
822	0.0082	"	11.0	"	"	"	"	"	"	"	"	"
103	0.010	"	11.5	6.5	"	"	0.8	400	"	"	"	"
123	0.012	"	12.0	7.0	"	"	"	"	"	"	"	"
153	0.015	"	13.0	"	"	"	"	"	"	"	"	"
183	0.018	23.5	12.0	"	20.0	15.0/20.0	"	"	"	"	"	"
223	0.022	"	13.0	7.5	"	"	"	"	50	300	50	300
273	0.027	"	15.5	7.0	"	"	"	"	"	"	"	"
333	0.033	"	16.0	8.0	"	"	"	300	"	250	"	250
393	0.039	"	16.5	8.5	"	"	"	"	"	"	"	"
473	0.047	"	19.5	8.0	"	"	"	"	"	"	"	"
563	0.056	28.5	19.0	7.5	25.0	15.0/25.0	"	"	"	"	"	"
683	0.068	"	21.0	8.0	"	"	"	"	25	"	25	200
823	0.082	"	21.5	8.5	"	"	"	"	"	200	"	"
104	0.10	"	22.5	9.5	"	"	"	"	"	"	"	"
124	0.12	"	23.5	10.5	"	"	"	"	"	"	"	150
154	0.15	"	24.5	11.5	"	"	"	"	"	150	"	"
184	0.18	"	26.0	13.0	"	"	"	"	"	"	"	"

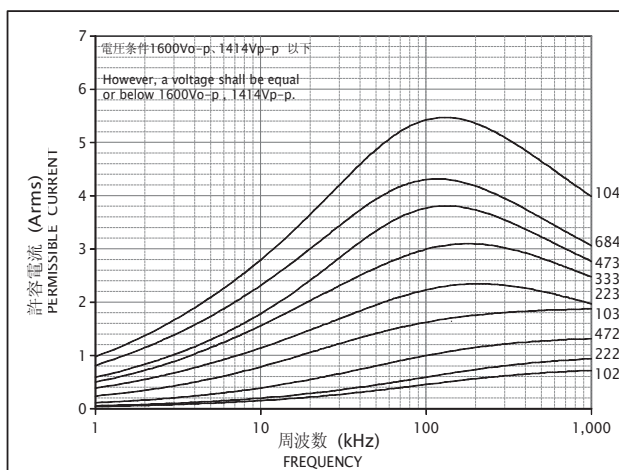


## 外形尺寸 / Dimension(mm)

Cap CODE	Cap (μF)	MPE 1600V. DC						标准包装数 Number of pieces for packing unit				
		W	H	T	P	F	Φd	编带	直脚品		引线弯曲型	
								Taping	Long	Long	Formed	Formed
Ammo	Bag	Box	Bag	Box								
102	0.0010	18.5	9.0	5.5	15.0	7.5/15.0	0.6	500	100	500	100	500
122	0.0012	"	9.5	6.0	"	"	"	"	"	"	"	"
152	0.0015	"	10.0	6.5	"	"	"	400	"	"	"	"
182	0.0018	"	10.5	7.0	"	"	"	"	"	"	"	"
222	0.0022	"	11.0	7.5	"	"	"	"	"	"	"	"
272	0.0027	"	9.0	5.5	"	"	"	500	"	"	"	"
332	0.0033	"	9.5	6.0	"	"	"	"	"	"	"	"
392	0.0039	"	11.0	"	"	"	"	"	"	"	"	"
472	0.0047	"	"	"	"	"	0.8	"	"	"	"	"
562	0.0056	"	11.5	6.5	"	"	"	400	"	"	"	"
682	0.0068	"	12.0	7.0	"	"	"	"	"	"	"	"
822	0.0082	"	12.5	7.5	"	"	"	"	"	"	"	"
103	0.010	23.5	"	"	20.0	15.0/20.0	"	"	50	250	50	250
123	0.012	"	13.0	8.0	"	"	"	300	"	"	"	"
153	0.015	"	15.0	"	"	"	"	"	"	"	"	"
183	0.018	"	16.5	"	"	"	"	"	"	"	"	"
223	0.022	28.5	15.0	"	25.0	15.0/25.0	"	"	25	"	25	"
273	0.027	"	17.0	8.5	"	"	"	"	"	"	"	"
333	0.033	"	20.0	"	"	"	"	"	"	"	"	"
393	0.039	"	21.5	"	"	"	"	"	"	"	"	"
473	0.047	"	22.5	9.5	"	"	"	"	"	"	"	"
563	0.056	"	23.5	10.0	"	"	"	"	"	150	"	150
683	0.068	"	24.5	11.5	"	"	"	"	"	"	"	"
823	0.082	"	25.5	12.5	"	"	"	"	"	"	"	"
104	0.10	"	27.0	14.0	"	"	"	"	"	100	"	100

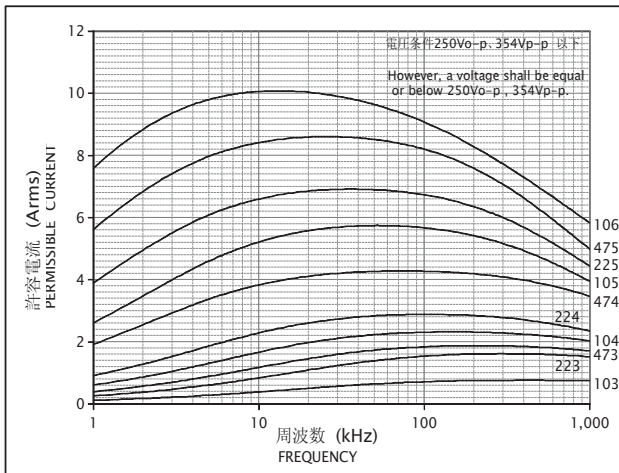
## 相对频率数允许的电流特性 / Characteristics of permissible current to frequency

MPE 1600V

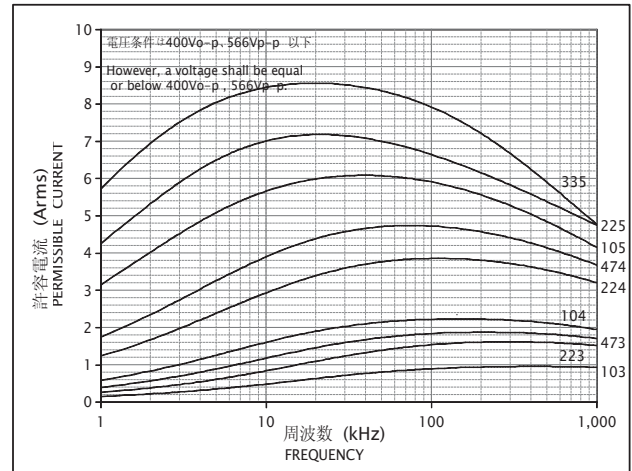


## 相对频率数允许的电流特性 / Characteristics of permissible current to frequency

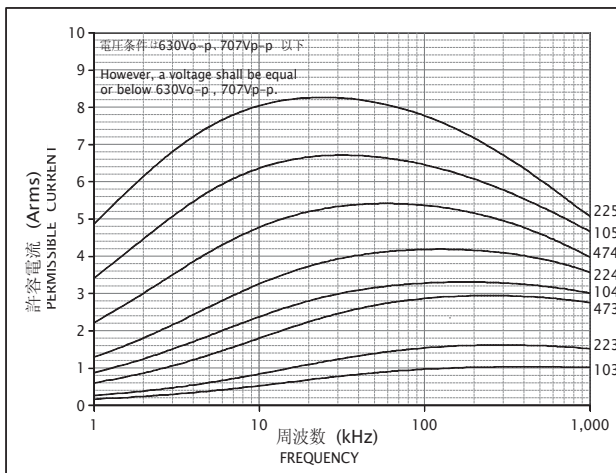
MPE 250V



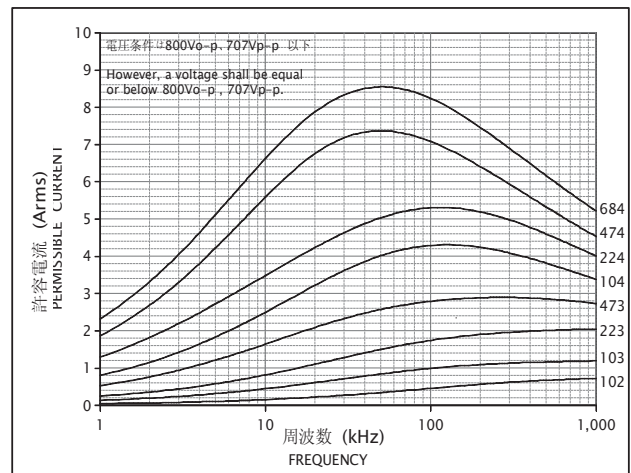
MPE 400/450V



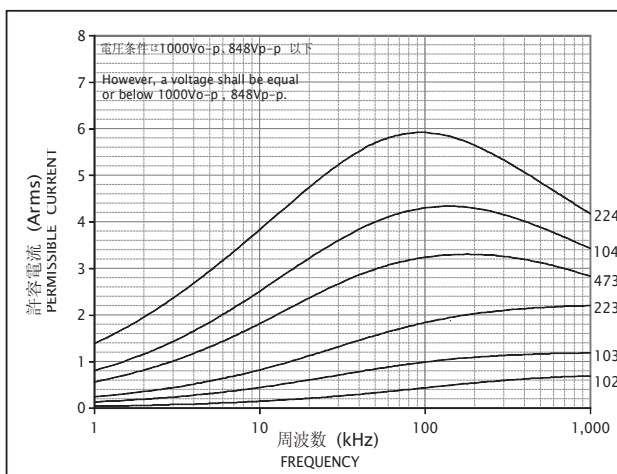
MPE 630V



MPE 800V



MPE 1000V



MPE 1250V

