

## 箔式聚丙烯薄膜精密电容器 Polypropylene film/foil precision capacitor

### 特点 / Features

- ◆ 使用环氧树脂浸渍，使电容器的耐潮和耐腐蚀性非常优异。
- ◆ 适合缓冲电路，小功率谐振电路。
- ◆ 具有负温度特性。
- ◆ 损耗角正切非常小，容量随时间变化小。
- ★ Protected against moisture and solvent through our original epoxy resin vacuum impregnation.
- ★ Suitable for snubber circuits ,small watts resonant circuits .
- ★ Temperature characteristic of capacitance is negative.
- ★ Tangent of loss angle is very low ,with an excellent long stability.

### 规格 / Specifications

使用温度范围	Temp. Range	- 40~+85℃
额定电压	Rated Voltage	100V, 250V, 400V.dc
容量范围	Capacitance Range	100V 0.00010~0.22μF, 250V 0.00010~0.010μF 400V 0.0010~0.010μF (各额定E-12)
容量偏差	Capacitance Tolerance	100V ±1%(F), ±2%(G), ±5%(J) 250V,400V ±5%(J), ±10%(K)
损耗角正切	Dissipation Factor	C≦0.10μF 0.0010以下/or less (at 1kHz) C>0.10μF 0.0012以下/or less (at 1kHz)
绝缘电阻	Insulation Resistance	30000MΩ以上/or more
高温负荷	Endurance	85℃、施加WV×140% 1000H ΔC/C ±3% 以内/with in tanδ C≦0.10μF 0.0011以下/or less C>0.10μF 0.0013以下/or less IR 15,000 MΩ以上/or more
耐湿负荷	Damp heat	40℃、90~95%RH 施加 WV 1000H ΔC/C ±3% 以内/with in tanδ C≦0.10μF 0.0012以下/or less C>0.10μF 0.0014以下/or less IR 10,000 MΩ以上/or more

## 引线尺寸 / Lead dimension(mm)

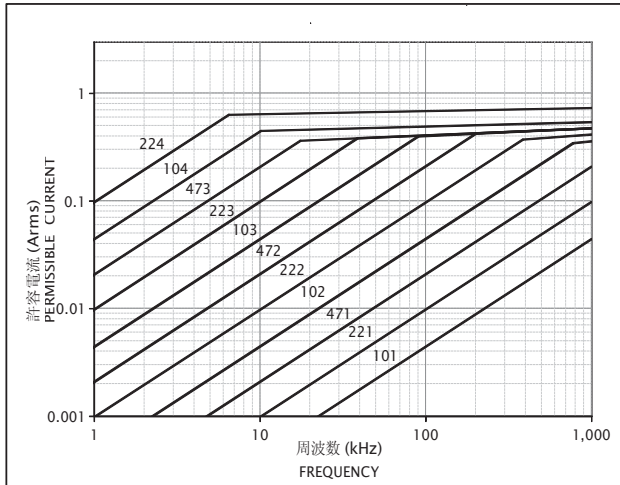
形状 Style	直引线型 Straight lead type		引线弯曲型 Forming lead type		
Cap 范围 Cap range	100V. DC	101~224	123~124	134~224	101~113
	250V. DC	101~103	101~103	-	-
	400V. DC	102~103	102~103	-	-

编带仕样的引线尺寸 (F)，请参照第27~29的编带尺寸表。

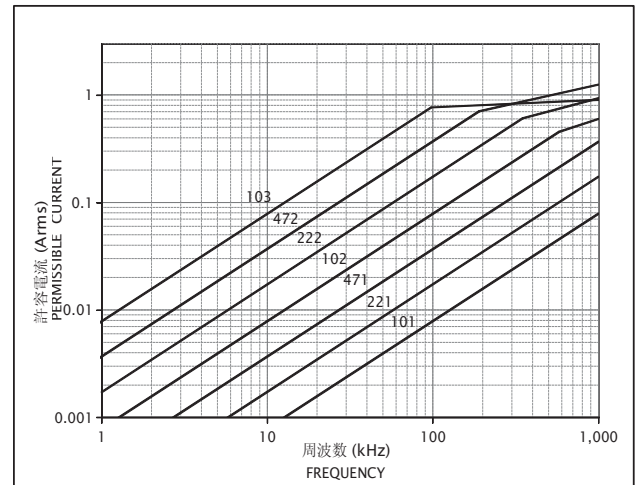
For a pitch space(F) of the taping specification, refer to "Taping dimensions" on page 27~29.

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

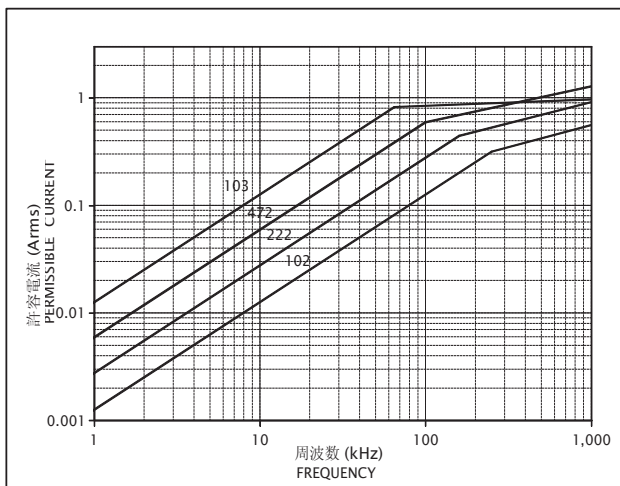
APS (A) 100V



APS 250V



APS 400V



外形尺寸/ Dimension(mm)

Cap CODE	Cap (μF)	APS (A) 100V. 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
101	0.00010	6.0	9.0	4.0	3.5	5.0	0.5	2,000	200	3,000	200	5,000
121	0.00012	"	"	"	"	"	"	"	"	"	"	"
151	0.00015	"	"	"	"	"	"	"	"	"	"	"
181	0.00018	"	"	"	"	"	"	"	"	"	"	"
221	0.00022	"	8.5	3.5	"	"	"	"	"	"	"	"
271	0.00027	"	"	"	"	"	"	"	"	"	"	"
331	0.00033	"	"	"	"	"	"	"	"	"	"	"
391	0.00039	"	"	"	"	"	"	"	"	"	"	"
471	0.00047	"	"	"	"	"	"	"	"	"	"	"
561	0.00056	"	"	"	"	"	"	"	"	"	"	"
681	0.00068	"	"	"	"	"	"	"	"	"	"	"
821	0.00082	"	"	"	"	"	"	"	"	"	"	"
102	0.0010	"	"	"	"	"	"	"	"	"	"	"
122	0.0012	"	"	"	"	"	"	"	"	"	"	"
152	0.0015	"	"	"	"	"	"	"	"	"	"	"
182	0.0018	"	"	"	"	"	"	"	"	"	"	"
222	0.0022	"	"	"	"	"	"	"	"	"	"	"
272	0.0027	"	"	"	"	"	"	"	"	"	"	"
332	0.0033	"	"	"	"	"	"	"	"	"	"	"
392	0.0039	"	"	"	"	"	"	"	"	"	"	"
472	0.0047	"	"	"	"	"	"	"	"	"	"	"
562	0.0056	"	"	"	"	"	"	"	"	"	"	"
682	0.0068	"	"	"	"	"	"	"	"	"	"	"
822	0.0082	7.0	9.5	4.0	"	"	"	1,000	"	2,000	"	4,000
103	0.010	"	"	"	"	"	"	"	"	"	"	3,000
123	0.012	7.5	10.5	"	5.0	"	"	"	"	"	"	"
153	0.015	"	"	4.5	"	"	"	"	"	"	"	"
183	0.018	8.0	11.0	5.0	"	"	"	"	"	"	"	"
223	0.022	"	"	"	"	"	"	"	"	"	"	"
273	0.027	9.0	12.0	5.5	"	"	"	"	"	"	"	"
333	0.033	"	"	"	"	"	"	"	"	1,000	"	2,000
393	0.039	10.0	13.0	6.0	7.5	5.0/7.5	"	"	"	"	"	"
473	0.047	"	"	"	"	"	"	"	"	"	"	1,000
563	0.056	11.0	14.0	"	"	"	"	"	"	"	100	"
683	0.068	"	"	6.5	"	"	"	500	"	"	"	"
823	0.082	11.5	"	7.0	"	"	"	"	100	"	"	"
104	0.10	12.0	"	7.5	"	"	"	"	"	500	"	"
124	0.12	13.0	"	8.0	"	"	"	"	"	"	"	500
154	0.15	14.0	19.5	7.5	10.0	"	0.6	"	"	"	50	"
184	0.18	15.0	"	"	"	"	"	"	"	"	"	"
224	0.22	"	"	8.0	"	"	"	"	"	"	"	"

## 外形尺寸/ Dimension(mm)

Cap CODE	Cap (μF)	APS 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
101	0.0010	6.0	8.5	4.0	3.5	5.0	0.5	2,000	200	3,000	200	5,000
121	0.0012	"	"	"	"	"	"	"	"	"	"	"
151	0.0015	"	"	"	"	"	"	"	"	"	"	"
181	0.0018	"	"	"	"	"	"	"	"	"	"	"
221	0.0022	"	"	"	"	"	"	"	"	"	"	"
271	0.0027	"	"	"	"	"	"	"	"	"	"	"
331	0.0033	"	"	"	"	"	"	"	"	"	"	"
391	0.0039	"	"	"	"	"	"	"	"	"	"	"
471	0.0047	"	"	"	"	"	"	"	"	"	"	"
561	0.0056	"	"	"	"	"	"	"	"	"	"	"
681	0.0068	"	"	"	"	"	"	"	"	"	"	"
821	0.0082	"	"	"	"	"	"	"	"	"	"	"
102	0.010	"	"	"	"	"	"	"	"	"	"	"
122	0.012	6.5	"	"	"	"	"	"	"	"	"	"
152	0.015	7.0	"	"	"	"	"	"	"	"	"	"
182	0.018	6.0	"	"	"	"	"	"	"	"	"	4,000
222	0.022	6.3	"	"	"	"	"	1,000	"	"	"	"
272	0.027	6.5	"	"	"	"	"	"	"	"	"	"
332	0.033	7.0	"	"	"	"	"	"	"	"	"	"
392	0.039	"	10.0	"	"	"	"	"	"	"	"	3,000
472	0.047	7.5	10.5	"	"	"	"	"	"	"	"	"
562	0.056	8.0	11.0	4.5	"	"	"	"	"	2,000	"	"
682	0.068	"	"	5.0	"	"	"	"	"	"	"	"
822	0.082	"	"	5.5	"	"	"	"	"	"	"	"
103	0.10	8.5	"	"	"	"	"	"	"	"	"	"

## 外形尺寸/ Dimension(mm)

Cap CODE	Cap (μF)	APS 400V. 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	0.010	7.2	10.0	4.5	5.0	5.0	0.5	1,000	200	2,000	200	3,000
122	0.012	7.5	"	"	"	"	"	"	"	"	"	"
152	0.015	"	"	"	"	"	"	"	"	"	"	"
182	0.018	7.4	10.5	"	"	"	"	"	"	"	"	"
222	0.022	"	"	"	"	"	"	"	"	"	"	"
272	0.027	7.5	13.0	"	"	"	"	"	"	"	"	"
332	0.033	"	"	"	"	"	"	"	"	"	"	"
392	0.039	8.0	"	5.0	"	"	"	"	"	"	"	"
472	0.047	"	"	"	"	"	"	"	"	"	"	"
562	0.056	8.2	13.5	"	"	"	"	"	"	"	"	"
682	0.068	"	"	"	"	"	"	"	"	"	"	"
822	0.082	9.0	"	"	"	"	"	"	"	1,000	"	2,000
103	0.10	9.5	"	"	"	"	"	"	"	"	"	"