

箔式聚酯薄膜电容器
Polyester film/foil capacitor

AMZ

特点 / Features

- ◆ 体积小，尤其是高度（H）尺寸，特别适合小型化的产品。
- ◆ 在一般应用和工业应用方面受好评。
- ◆ 引线间距的公差很小。
- ◆ 体积小，重量轻，尤其适合自动插件机。
- ★ Very small size, especially in H dimension, which is advantageous to save space of PC Board.
- ★ Good reputations for use in general and industrial application.
- ★ Small allowance in the lead pitch dimensions.
- ★ Suitable for automatic insertion due to their small size and light weight.

规格 / Specifications

使用温度范围	Temp. Range	- 40~+85°C(+105°C) ※
额定电压	Rated Voltage	50V, 100V, 250V, 400V.dc
容量范围	Capacitance Range	50V 0.00010~0.15μF(E-12) 100V 0.00010~0.47μF(E-12) 250V 0.0010~0.22μF(E-12) 400V 0.0010~0.12μF(E-12)
容量偏差	Capacitance Tolerance	±5% (J) ,±10% (K)
损耗角正切	Dissipation Factor	0.008以下/or less(at 1kHz)
绝缘电阻	Insulation Resistance	30,000MΩ以上/or more
高温负荷	Endurance	85°C、施加WV×140% 1000H ΔC/C ±3% 以内/with in tanδ 0.011以下/or less IR 4500MΩ以上/or more
耐湿负荷	Damp heat	40°C、90~95%RH 施加WV 1000H ΔC/C +6 /-2%以内/with in tanδ 0.012以下/or less IR 9000MΩ以上/or more

※ () 里的温度表示降低电压时的温度使用范围。

※ () Marked temperature shows operatable range when voltage is derated .

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				
			F=5.0	F=7.5	F=5.0	F=7.5	F=10.0
Cap 范围 Cap range	50V. DC	101~154	101~154				
	100V. DC	101~474	101~124	124~474	154~474		
	250V. DC	102~224	102~823	393~823	683~154	683~224	184~224
	400V. DC	102~124	102~473		273~823	273~823	104~124

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)	AMZ/AMZ (B) 50V. 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	5.7	7.5	3.7	3.5 ^{+0.3} _{-0.2}	5.0	0.5	2,000	200	3,000	200	5,000
121	0.00012	"	"	"	"	"	"	"	"	"	"	"
151	0.00015	"	"	"	"	"	"	"	"	"	"	"
181	0.00018	"	"	3.5	"	"	"	"	"	"	"	"
221	0.00022	5.5	7.3	3.2	"	"	"	"	"	"	"	"
271	0.00027	5.2	7.0	2.8	"	"	"	"	"	"	"	"
331	0.00033	"	"	"	"	"	"	"	"	"	"	"
391	0.00039	"	"	"	"	"	"	"	"	"	"	"
471	0.00047	"	"	"	"	"	"	"	"	"	"	"
561	0.00056	4.8	"	"	"	"	"	3,000	"	"	"	"
681	0.00068	5.0	"	"	"	"	"	2,000	"	"	"	"
821	0.00082	4.8	"	2.5	"	"	"	3,000	"	"	"	"
102	0.0010	"	"	"	"	"	"	"	"	"	"	"
122	0.0012	"	"	"	"	"	"	"	"	"	"	"
152	0.0015	"	"	"	"	"	"	"	"	"	"	"
182	0.0018	"	"	"	"	"	"	"	"	"	"	"
222	0.0022	"	"	2.8	"	"	"	"	"	"	"	"
272	0.0027	"	"	"	"	"	"	"	"	"	"	"
332	0.0033	"	"	"	"	"	"	"	"	"	"	"
392	0.0039	5.0	"	"	"	"	"	"	"	"	"	"
472	0.0047	"	"	"	"	"	"	"	"	"	"	"
562	0.0056	4.8	"	"	"	"	"	"	"	"	"	"
682	0.0068	"	"	"	"	"	"	"	"	"	"	"
822	0.0082	5.0	"	"	"	"	"	2,000	"	"	"	"
103	0.010	5.5	"	3.0	"	"	"	"	"	"	"	"
123	0.012	5.8	"	3.3	"	"	"	"	"	"	"	"
153	0.015	5.3	8.5	3.0	"	"	"	3,000	"	"	"	"
183	0.018	"	"	"	"	"	"	"	"	"	"	"
223	0.022	5.5	9.0	3.5	"	"	"	2,000	"	"	"	4,000
273	0.027	"	"	3.0	"	"	"	"	"	"	"	"
333	0.033	5.8	"	3.5	"	"	"	"	"	"	"	"
393	0.039	6.5	"	"	5.0 ^{+0.3} _{-0.2}	"	"	"	"	"	"	3,000
473	0.047	7.0	"	"	"	"	"	"	"	2,000	"	"
563	0.056	"	9.5	4.0	"	"	"	"	"	"	"	"
683	0.068	7.5	"	4.5	"	"	"	1,000	"	"	"	"
823	0.082	8.0	"	"	"	"	"	"	"	"	"	"
104	0.10	8.3	"	5.0	"	"	"	"	"	"	"	"
124	0.12	7.8	11.0	"	"	"	"	"	"	"	"	2,000
154	0.15	8.5	11.5	5.5	"	"	"	"	"	1,000	"	"

外形尺寸 / Dimension(mm)

Cap CODE	Cap (μF)	AMZ (B) 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	5.7	7.5	3.7	3.5±0.5	5.0	0.5	2,000	200	3,000	200	5,000
121	0.00012	"	"	"	"	"	"	"	"	"	"	"
151	0.00015	"	"	"	"	"	"	"	"	"	"	"
181	0.00018	"	"	3.5	"	"	"	"	"	"	"	"
221	0.00022	5.5	7.3	3.2	"	"	"	"	"	"	"	"
271	0.00027	5.2	7.0	2.8	"	"	"	"	"	"	"	"
331	0.00033	"	"	"	"	"	"	"	"	"	"	"
391	0.00039	"	"	"	"	"	"	"	"	"	"	"
471	0.00047	"	"	"	"	"	"	"	"	"	"	"
561	0.00056	4.8	"	"	"	"	"	3,000	"	"	"	"
681	0.00068	5.0	"	"	"	"	"	2,000	"	"	"	"
821	0.00082	4.8	"	2.5	"	"	"	3,000	"	"	"	"
102	0.0010	"	"	"	"	"	"	"	"	"	"	"
122	0.0012	"	"	"	"	"	"	"	"	"	"	"
152	0.0015	"	"	"	"	"	"	"	"	"	"	"
182	0.0018	"	"	"	"	"	"	"	"	"	"	"
222	0.0022	"	"	2.8	"	"	"	"	"	"	"	"
272	0.0027	"	"	"	"	"	"	"	"	"	"	"
332	0.0033	"	"	"	"	"	"	"	"	"	"	"
392	0.0039	5.0	"	2.5	"	"	"	"	"	"	"	"
472	0.0047	"	"	"	"	"	"	"	"	"	"	"
562	0.0056	4.8	"	2.8	"	"	"	"	"	"	"	"
682	0.0068	"	"	"	"	"	"	"	"	"	"	"
822	0.0082	5.0	"	"	"	"	"	2,000	"	"	"	"

外形尺寸/ Dimension(mm)

Cap CODE	Cap (μF)	AMZ (B) 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
103	0.010	5.5	"	3.0	"	"	"	2,000	200	3,000	200	5,000
123	0.012	5.8	"	3.3	"	"	"	"	"	"	"	"
153	0.015	6.0	9.5	4.0	"	"	"	"	"	"	"	"
183	0.018	6.5	"	4.5	"	"	"	"	"	"	"	"
223	0.022	"	"	"	"	"	"	"	"	"	"	4,000
273	0.027	"	11.5	3.5	"	"	"	"	"	2,000	"	"
333	0.033	7.0	"	4.0	"	"	"	"	"	"	"	3,000
393	0.039	8.0	12.0	"	5.0±0.5	"	"	"	"	"	"	"
473	0.047	"	"	"	"	"	"	"	"	"	"	"
563	0.056	7.5	12.5	5.0	"	"	"	1,000	"	"	"	"
683	0.068	"	"	"	"	"	"	"	"	"	"	"
823	0.082	8.5	"	5.8	"	"	"	"	"	"	"	"
104	0.10	"	"	"	"	"	"	"	"	1,000	"	2,000
124	0.12	11.0	"	6.0	7.5±0.5	5.0/7.5	"	"	"	"	100	1,000
154	0.15	12.5	14.0	"	10.0±0.5	"	"	"	100	"	"	"
184	0.18	13.0	"	6.5	"	"	"	"	"	"	"	"
224	0.22	13.5	"	"	"	"	"	400	"	"	"	"
274	0.27	"	17.0	7.0	"	"	0.6	"	"	500	50	500
334	0.33	14.5	"	8.0	"	"	"	300	"	"	"	"
394	0.39	15.0	"	8.5	"	"	"	"	"	"	"	"
474	0.47	16.0	"	9.5	"	"	"	"	"	"	"	"

外形尺寸 / Dimension(mm)

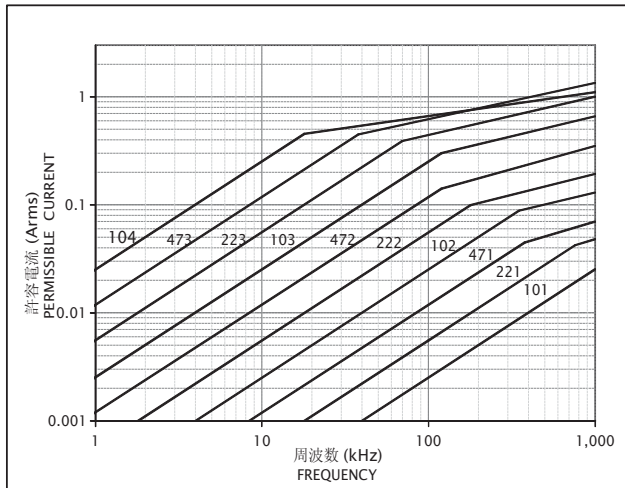
Cap CODE	Cap (μF)	AMZ 250V. DC						标准包装数 Number of pieces for packing unit				
								编带 Taping	直脚品 Long		引线弯曲型 Formed	
		W	H	T	P	F	Φd	Ammo	Bag	Box	Bag	Box
102	0.0010	5.3	10.0	2.8	3.5±0.5	5.0	0.5	2,000	200	3,000	200	5,000
122	0.0012	"	11.0	"	"	"	"	"	"	"	"	"
152	0.0015	"	"	"	"	"	"	"	"	"	"	"
182	0.0018	"	"	"	"	"	"	"	"	"	"	"
222	0.0022	"	"	2.5	"	"	"	"	"	"	"	"
272	0.0027	"	"	"	"	"	"	"	"	"	"	"
332	0.0033	"	"	"	"	"	"	"	"	"	"	"
392	0.0039	5.8	"	2.8	"	"	"	"	"	"	"	"
472	0.0047	"	"	"	"	"	"	"	"	"	"	"
562	0.0056	6.8	"	3.0	5.0±0.5	"	"	"	"	"	"	4,000
682	0.0068	7.0	"	3.3	"	"	"	"	"	2,000	"	"
822	0.0082	7.3	12.0	"	"	"	"	"	"	"	"	"
103	0.010	"	"	"	"	"	"	"	"	"	"	"
123	0.012	"	"	3.5	5.5±0.5	"	"	"	"	"	"	3,000
153	0.015	7.5	"	"	"	"	"	1,000	"	"	"	"
183	0.018	7.8	"	3.8	6.0±0.5	"	"	"	"	"	"	"
223	0.022	8.3	"	4.0	"	"	"	"	"	"	"	"
273	0.027	9.0	"	4.5	"	"	"	"	"	1,000	100	2,000
333	0.033	"	12.5	"	6.5±0.5	"	"	"	"	"	"	"
393	0.039	9.8	"	5.3	"	5.0/7.5	"	"	"	"	"	"
473	0.047	11.5	15.5	6.5	7.5±0.5	"	0.6	500	100	500	"	1,000
563	0.056	12.0	17.0	7.0	"	"	"	"	"	"	"	"
683	0.068	13.0	19.0	"	8.5±0.5	"	"	"	"	"	50	500
823	0.082	14.0	"	7.5	9.5±0.5	"	"	400	"	"	"	"
104	0.10	14.3	"	"	10.0±0.5	"	"	"	"	"	"	"
124	0.12	16.0	20.0	9.5	10.5±0.5	"	"	300	50	250	"	"
154	0.15	"	"	"	11.0±0.5	"	"	"	"	"	"	250
184	0.18	18.0	22.0	10.5	12.0±0.5	10.0/7.5	"	200	"	"	"	"
224	0.22	18.5	22.5	"	12.5±0.5	"	"	"	"	"	"	"

外形尺寸/ Dimension(mm)

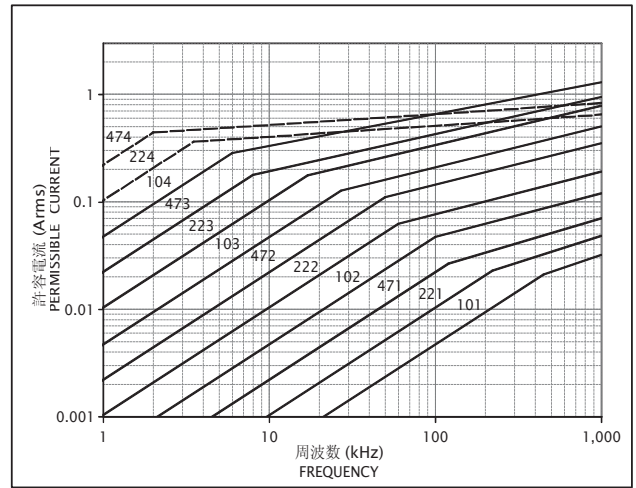
Cap CODE	Cap (μF)	AMZ 400V. DC						标准包装数 Number of pieces for packing unit				
								编带 Taping	直脚品 Long		引线弯曲型 Formed	
		W	H	T	P	F	Φd	Ammo	Bag	Box	Bag	Box
102	0.0010	6.5	11.0	3.5	4.0±0.5	5.0	0.5	2,000	200	2,000	200	5,000
122	0.0012	"	"	"	"	"	"	"	"	"	"	"
152	0.0015	"	"	"	"	"	"	"	"	"	"	4,000
182	0.0018	7.0	"	4.0	"	"	"	"	"	"	"	"
222	0.0022	"	11.5	"	"	"	"	"	"	"	"	"
272	0.0027	7.5	"	"	5.0±0.5	"	"	"	"	"	"	3,000
332	0.0033	"	"	"	"	"	"	1,000	"	"	"	"
392	0.0039	8.5	13.0	4.5	6.0±0.5	"	"	"	"	"	"	"
472	0.0047	"	"	"	"	"	"	"	"	"	"	2,000
562	0.0056	"	"	"	"	"	"	"	"	"	"	"
682	0.0068	9.0	"	"	"	"	"	"	"	1,000	100	"
822	0.0082	9.5	13.5	5.5	"	"	"	"	"	"	"	"
103	0.010	"	"	"	6.5±0.5	"	"	"	"	"	"	1,000
123	0.012	10.0	14.0	6.0	7.0±0.5	5.0/7.5	"	"	100	"	"	"
153	0.015	11.0	"	6.5	7.5±0.5	"	"	500	"	"	"	"
183	0.018	11.5	16.0	"	7.0±0.5	"	"	"	"	500	50	"
223	0.022	"	16.5	"	"	"	"	"	"	"	"	500
273	0.027	12.5	18.5	7.0	8.0±0.5	"	"	"	"	"	"	"
333	0.033	"	19.0	"	8.5±0.5	"	"	"	"	"	"	"
393	0.039	14.0	19.5	7.5	9.0±0.5	"	"	400	"	"	"	"
473	0.047	"	20.0	8.0	9.5±0.5	"	0.6	300	"	"	"	"
563	0.056	15.0	20.5	9.0	10.0±0.5	"	"	"	"	"	"	"
683	0.068	16.0	21.0	9.5	11.0±0.5	"	"	"	50	250	"	"
823	0.082	17.0	"	11.0	11.5±0.5	"	"	200	"	"	"	"
104	0.10	18.0	22.5	10.0	12.0±0.5	10.0	"	"	"	"	"	250
124	0.12	19.0	"	11.0	12.5±0.5	"	"	"	"	"	"	"

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

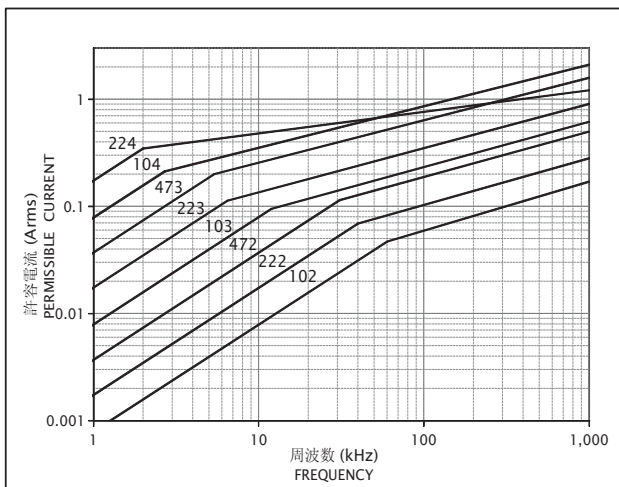
AMZ/AMZ (B) 50V



AMZ (B) 100V



AMZ 250V



AMZ 400V

