

S0型金属化聚丙烯膜交流电动机电容器(圆柱型, 塑胶外壳)
S0 Class Metallized Polypropylene Film AC Motor Capacitor (Column,plastic case)

特点

- 金属化聚丙烯膜, 无感卷绕结构
- 良好自愈性
- 高稳定性和可靠性

结构

- 电介质: 聚丙烯膜
- 外壳: 圆柱型, UL94V0级工程塑料
- 填充料: UL94V0级环氧树脂
- 引出端: V, U, P 或依客户要求

典型应用

- 适用于马达, 电子扇, 吊扇, 排风机和其他设备单相电机
- 交流滤波

FEATURES:

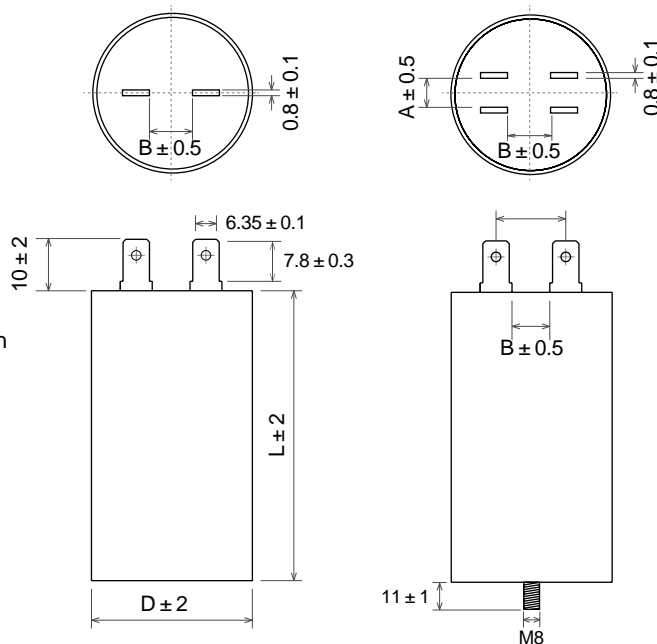
- Metallized Polypropylene Film, Non-inductive Wound construction
- Self-healing property
- High stability and reliability

STRUCTURE:

- Dielectric: Polypropylene film
- Case : column shape , engine plastic UL94V0
- Filling material: Epoxy resin UL 94V0 class.
- Terminals : V ,U, P, or as customer required

TYPE APPLICATION:

- Motor, electronic fan, ceiling fan, exhaust fan and other equipments with single-phase motors.
- AC Filter capacitor



电气特性/ Specifications (在额定功率和额定温度下)

电容器类别/Class	S0							
引用标准/Reference standard	UL810-2012, IEC60252-1, GB/T3667.1, JIS4908							
气候类别/Climatic category	25/85/21							
频率/Frequency	50/60 Hz							
额定电压/Rated voltage (Vac)	250VAC	300VAC	350VAC	400VAC	450VAC	500VAC	550VAC*	600VAC
容量范围/Capacitance range(μF)	6-120	6-120	4-100	3-90	3-80	3-70	3-60	3-60
散逸因素/Dissipation Factor	0.0050 (1KHz, 25 ,only refer for TC terminal)							
容量偏差/Capacitance tolerance	± 5%(J), ± 10%(K)							
绝缘电阻/Insulation Resistance	1,000s (100VDC, 60s, 20 ,RH 65%)							
端子间耐电压 (TT) Withstand Voltage between terminals	175%*Unac , 2s							
端子对外壳间耐电压(TC) Withstand Voltage between terminal and case	2500Vac ,50Hz, 1min							
最大允许电压/Max permissible voltage	110%*Unac							
最大允许电流/Max permissible current	130%*In							
最大允许电压电流/Max permissible voltage and current	130%*Unac*In							

安全认证/Safety approvals

Body(机构)	Approved Standard	Note
UL	UL810, Construction only	E465486
CUL	CSA C22.2 No.190-M1985	E465486
VDE*	C级3000H,450V ; B级 10000H,450V400V,350V,250V	40043397

FILM CAPACITORS

外形尺寸 Dimensions(mm)

250Vac		
Cap (μF)	DIMENSIONS 尺寸 (mm)	
	D (mm)	L (mm)
6	35	52
7	35	52
8	35	52
9	35	52
10	35	52
12	35	52
15	35	52
8	35	62
9	35	62
10	35	62
12	35	62
15	35	62
16	35	62
18	35	62
20	40	62
22	40	62
24	40	62
25	40	62
27	40	62
28	40	62
30	40	62
33	40	72
35	40	72
37	40	72
40	40	72
42	45	72
45	45	72
47	45	72
50	45	72
55	50	72
60	50	72
65	50	72
70	50	72
75	45	97
80	45	97
85	50	97
90	50	97
95	50	97
100	50	97
105	50	97
110	55	97
115	55	97
120	55	97

300Vac		
Cap (μF)	DIMENSIONS 尺寸 (mm)	
	D (mm)	L (mm)
6	35	52
7	35	52
8	35	52
9	35	52
9	35	52
10	35	62
12	35	62
14	40	62
15	40	62
16	40	62
18	40	62
20	40	62
22	40	72
24	40	72
25	45	72
27	45	72
30	45	72
32	45	72
33	45	72
35	45	72
37	50	72
40	50	72
43	50	72
45	45	97
47	45	97
50	45	97
55	50	97
60	50	97
63	50	97
65	50	97
70	50	97
75	55	97
80	55	97
85	50	125
90	50	125
95	55	125
100	55	125
105	55	125
110	55	125
115	60	125
120	60	125

350Vac		
Cap (μF)	DIMENSIONS 尺寸 (mm)	
	D (mm)	L (mm)
4	35	52
4.5	35	52
5	35	52
6	35	52
7	35	52
8	35	62
9	40	62
10	40	62
12	40	62
14	40	62
15	40	72
16	40	72
18	45	72
20	45	72
22	45	72
24	45	72
25	50	72
27	50	72
30	50	72
33	45	97
35	45	97
37	45	97
40	50	97
43	50	97
45	50	97
47	50	97
50	55	97
55	55	97
60	55	97
65	60	97
70	60	97
65	50	125
70	55	125
75	55	125
80	55	125
85	60	125
90	60	125
95	60	125
100	65	125

外形尺寸 Dimensions(mm)

400Vac		
Cap (μF)	DIMENSIONS 尺寸 (mm)	
	D (mm)	L (mm)
3	35	52
3.5	35	52
4	35	52
4.5	35	52
5	35	52
5.5	35	52
6	35	62
7	40	62
8	40	62
9	40	62
10	40	62
11	40	62
12	40	72
14	40	72
15	40	72
16	45	72
17	45	72
18	45	72
20	45	72
22	50	72
24	50	72
25	50	72
27	50	72
25	45	97
27	45	97
30	45	97
32	45	97
33	50	97
35	50	97
36	50	97
38	50	97
40	50	97
42	50	97
44	55	97
45	55	97
47	55	97
50	55	97
55	60	97
60	60	97
65	65	97

400Vac		
Cap (μF)	DIMENSIONS 尺寸 (mm)	
	D (mm)	L (mm)
40	50	125
45	50	125
50	50	125
55	50	125
60	55	125
65	55	125
70	55	125
75	60	125
80	60	125
85	65	125
90	65	125

450Vac		
Cap (μF)	DIMENSIONS 尺寸 (mm)	
	D (mm)	L (mm)
3	35	52
3.5	35	52
4	35	52
4.5	35	52
5	35	62
5.5	35	62
6	35	62
6.5	35	62
7	40	62
7.5	40	62
8	40	62
9	40	62
10	40	62
10	40	72
11	40	72
12	40	72
14	45	72
15	45	72
16	45	72
17	45	72
18	45	72
20	50	72
22	50	72

450Vac		
Cap (μF)	DIMENSIONS 尺寸 (mm)	
	D (mm)	L (mm)
23	50	72
20	45	97
22	45	97
23	45	97
24	45	97
25	45	97
26	45	97
27	45	97
28	50	97
30	50	97
32	50	97
33	50	97
35	50	97
36	50	97
38	55	97
40	55	97
42	55	97
44	55	97
45	55	97
47	60	97
50	60	97
55	60	97
60	65	97
33	50	125
35	50	125
37	50	125
40	50	125
43	50	125
45	50	125
47	50	125
50	55	125
55	55	125
60	55	125
65	60	125
70	60	125
75	65	125
80	65	125

FILM CAPACITORS

外形尺寸 Dimensions(mm)

500Vac		
Cap (μF)	DIMENSIONS 尺寸 (mm)	
	D (mm)	L (mm)
3	35	52
3.5	35	52
4	35	52
4.5	35	62
5	35	62
5.5	35	62
6	40	62
6.5	40	62
7	40	62
7.5	40	62
8	40	62
9	40	72
10	40	72
12	45	72
14	45	72
15	45	72
16	50	72
18	50	72
20	50	72
20	45	97
22	45	97
23	45	97
24	45	97
25	50	97
26	50	97
28	50	97
30	50	97
32	55	97
33	55	97
35	55	97
36	55	97
38	55	97
40	55	97
42	60	97

500Vac		
Cap (μF)	DIMENSIONS 尺寸 (mm)	
	D (mm)	L (mm)
44	60	97
45	60	97
47	60	97
50	65	97
28	50	125
30	50	125
33	50	125
35	50	125
37	50	125
40	50	125
43	55	125
45	55	125
47	55	125
50	60	125
55	60	125
60	60	125
65	65	125
70	65	125

550Vac		
Cap (μF)	DIMENSIONS 尺寸 (mm)	
	D (mm)	L (mm)
3	35	52
3.5	35	52
4	35	62
4.5	35	62
5	35	62
5.5	40	62
6	40	62
6.5	40	62
7	40	62
5.5	35	72
6	35	72
6.5	35	72
7	40	72

550Vac		
Cap (μF)	DIMENSIONS 尺寸 (mm)	
	D (mm)	L (mm)
7.5	40	72
8	40	72
9	40	72
10	40	72
12	45	72
14	50	72
15	50	72
16	50	72
17	50	72
15	45	97
18	45	97
20	45	97
22	50	97
23	50	97
24	50	97
25	50	97
26	50	97
27	55	97
28	55	97
30	55	97
32	55	97
33	55	97
35	55	97
36	60	97
38	60	97
40	60	97
30	50	125
33	50	125
35	50	125
37	55	125
40	55	125
42	55	125
44	55	125
45	55	125
47	55	125
50	60	125
55	60	125
60	65	125

外形尺寸 Dimensions(mm)

600Vac		
Cap (μF)	DIMENSIONS 尺寸 (mm)	
	D (mm)	L (mm)
3	35	62
3.5	35	62
4	40	62
4.5	40	62
5	40	62
5.5	40	62
6	40	62
6.5	40	72
7	40	72
7.5	40	72
8	45	72
9	45	72
10	45	72
11	50	72
12	50	72
13	50	72
14	50	72
15	45	97
16	45	97
17	50	97
18	50	97
20	50	97
22	50	97
23	55	97
24	55	97
25	55	97
26	55	97

600Vac		
Cap (μF)	DIMENSIONS 尺寸 (mm)	
	D (mm)	L (mm)
27	55	97
28	55	97
30	60	97
32	60	97
33	60	97
25	50	125
27	50	125
30	55	125
33	55	125
35	55	125
37	55	125
40	60	125
42	60	125
43	60	125
45	65	125
50	65	125

450V-VDE S0		
Cap (μF)	DIMENSIONS 尺寸 (mm)	
	D(mm)	L(mm)
3	35	52
3.5	35	52
4	35	62
4.5	35	62
5	35	62
5.5	35	72
6	35	72
6.5	35	72
7	35	72
8	40	72
8.5	40	72
9	40	72
10	40	72
12	45	72
15	50	72
16	50	72
17	50	72
18	45	96
20	45	96
22	50	96
24	50	96
25	50	96
30	55	96
33	55	96
35	55	96
40	55	125
45	55	125
50	60	125
55	60	125
60	65	125