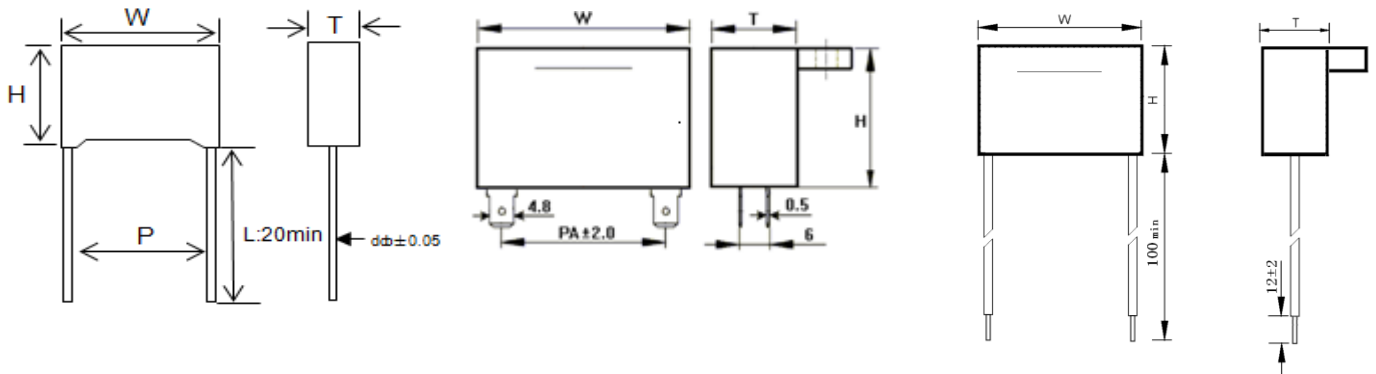


金属化聚丙烯膜交流电动机电容器 (塑料外壳) Metallized polypropylene film A.C.motor capacitor (Box-type)

■ 外形图 Outline Drawing



■ 特点

- 适用于频率为 50Hz/60Hz 交流电源供电的单向
- 有自愈特性
- 性能稳定, 可靠性高

■ Features

- Widely applied to starting and running of AC 电动机启动和运转 single-phase motors at 50Hz/60Hz frequency power
- Self-healing property
- Extremely stable performance and reliability

■ 技术要求 Specifications

额定电压 Rated Voltage	250Vac / 300 Vac c / 350 Vac / 370 Vac / 400 Vac / 440 Vac /450 Vac, 50/60Hz	
运行等级 Class of operation	Class B	
电容量范围 Capacitance Range	0.47 μ F~20 μ F	
气候类别 Climatic Category	40/85/21	
耐电压 Voltage Proof	引线之间 Between Terminals	2.0UR ac(2s)
	极壳之间 Between Terminals And Case	3000Vac(60S)
电容量偏差 Capacitance Tolerance	\pm 5%, \pm 10%, \pm 20%	
损耗角正切 Dissipation Factor	\leq 0.2% (20 $^{\circ}$ C,1kHz)	
绝缘电阻 Insulation Resistance	\geq 3 000s (20 $^{\circ}$ C,100V,1min)	
最高运行电压 Maximum permissible Voltage	1.1U _N	
最高运行电流 Maximum permissible current	1.3I _N	
安全防护等级 Class of safety protection	S0 (P0)	

产品代码说明 Part number system

■ 18 位产品代码说明如下:

The 18 digits part number is formed as follow:

1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18
□	□	□	□	□	□	□	□	□	□	□	□	□	□	□	□	□	□

W 6 1

第 1~3 位: 型号代码

W61=CBB61

第 4~5 位: 交流额定电压

G2=400V R2=350V E2=250V

Q1=300V S2=450V

第 6~8 位: 标称容量

举例 : 105 = 10×10^5 PF = 1.0 μ f

第 9 位: 容量偏差

J=±5%, K=±10%, M=±20%

第 10 位: 引线脚距 (引线式)

P=22.0mm S=27.0mm

W=32.0mm X=37.0mm

外形尺寸的盒子 W

(插片式/绝缘软引线式)

1=32mm 2=37mm 3=42mm

4=47/48mm 5=58mm 6=68mm

第 11 位: 引线线径 (引线式)

8= CP 0.8mm C= CP 1.0mm

片式或软引线 = 0

第 12 位: 引出端代码

L= 直脚 B= 绝缘软线

C= 片式

第 13~18 位: 内部特征码

Digit 1 to 3: Series code

W61=CBB61

Digit 4 to 5: AC rated Voltage

G2=400V R2=350V E2=250V

Q1=300V S2=450V

Digit 6 to 8: Rated capacitance

For example: 105 = 10×10^5 PF = 1.0 μ f

Digit 9: Capacitance tolerance

J=±5%, K=±10%, M=±20%

Digit 10: Pitch (for tinned wire)

P=22.0mm S=27.0mm

W=32.0mm X=37.0mm

W of the Dimension

(for tabs and insulated flexible lead wires)

1=32mm 2=37mm 3=42mm

4=47/48mm 5=58mm 6=68mm

Digit 11: Lead Wire diameter (for tinned wire)

8= CP 0.8mm C= CP 1.0mm

Tabs or insulated flexible lead wires = 0

Digit 12: Terminals code

L= straight lead B= Insulated flexible lead wires

C= Tabs

Digit 13 to 18: Internal use

■ 外形尺寸 Dimensions (mm)

引线式 Tinned lead wire					
350Vac/400Vac/450Vac#					
Cn (μ F)	W ± 1	H ± 1	T ± 1	P	Part number
0.47	37.0	12.0	22.0	32.0	W61S2474-WCL*****
0.50	37.0	12.0	22.0	32.0	W61S2504-WCL*****
0.55	37.0	12.0	22.0	32.0	W61S2554-WCL*****
0.60	37.0	12.0	22.0	32.0	W61S2604-WCL*****
0.65	37.0	12.0	22.0	32.0	W61S2654-WCL*****
0.68	37.0	12.0	22.0	32.0	W61S2684-WCL*****
0.70	37.0	12.0	22.0	32.0	W61S2704-WCL*****
0.75	37.0	12.0	22.0	32.0	W61S2754-WCL*****
0.80	37.0	12.0	22.0	32.0	W61S2804-WCL*****
0.85	37.0	12.5	22.5	32.0	W61S2854-WCL*****
0.90	37.0	12.5	22.5	32.0	W61S2904-WCL*****
0.95	37.0	12.5	22.5	32.0	W61S2954-WCL*****
1.00	37.0	12.5	22.5	32.0	W61S2105-WCL*****
1.10	37.0	13.5	24.0	32.0	W61S2115-WCL*****
1.20	37.0	13.5	24.0	32.0	W61S2125-WCL*****
1.25	37.0	13.5	24.0	32.0	W61S212E-WCL*****
1.30	38.0	15.0	25.0	32.0	W61S2135-WCL*****
1.35	38.0	15.0	25.0	32.0	W61S213E-WCL*****
1.40	38.0	15.0	25.0	32.0	W61S2145-WCL*****
1.50	38.0	16.0	27.0	32.0	W61S2155-WCL*****
1.60	38.0	16.0	27.0	32.0	W61S2165-WCL*****
1.70	38.0	16.0	27.0	32.0	W61S2175-WCL*****
1.75	38.0	16.0	27.0	32.0	W61S217E-WCL*****
1.80	38.0	17.0	28.0	32.0	W61S2185-WCL*****
1.90	38.0	17.0	28.0	32.0	W61S2195-WCL*****
2.00	38.0	17.0	28.0	32.0	W61S2205-WCL*****
2.10	38.0	18.5	29.0	32.0	W61S2215-WCL*****
2.20	38.0	18.5	29.0	32.0	W61S2225-WCL*****
2.30	38.0	18.5	29.0	32.0	W61S2235-WCL*****
2.40	38.0	19.5	31.0	32.0	W61S2245-WCL*****
2.50	38.0	19.5	31.0	32.0	W61S2255-WCL*****
2.60	38.0	19.5	31.0	32.0	W61S2265-WCL*****

插片式 或绝缘软引线式 Tabs or insulated flexible lead wires					
350Vac/400Vac/450Vac#					
Cn (μ F)	W ± 1	H ± 1	T ± 1	PA	Part number
2.70	47.0	17.0	31.0	35.0	W61S2275-40C*****
2.80	47.0	17.0	31.0	35.0	W61S2285-40C*****
2.90	47.0	17.0	31.0	35.0	W61S2295-40C*****
3.00	47.0	17.0	31.0	35.0	W61S2305-40C*****
3.10	47.0	17.0	31.0	35.0	W61S2315-40C*****
3.20	48.0	18.5	31.0	35.0	W61S2325-40C*****
3.25	48.0	18.5	31.0	35.0	W61S232E-40C*****
3.30	48.0	18.5	31.0	35.0	W61S2335-40C*****
3.40	48.0	18.5	31.0	35.0	W61S2345-40C*****
3.50	48.0	18.5	31.0	35.0	W61S2355-40C*****
3.60	47.0	19.0	33.0	35.0	W61S2365-40C*****
3.70	47.0	19.0	33.0	35.0	W61S2375-40C*****
3.80	47.0	19.0	33.0	35.0	W61S2385-40C*****
3.90	47.0	19.0	33.0	35.0	W61S2395-40C*****
4.00	47.0	20.0	33.0	35.0	W61S2405-40C*****
4.10	47.0	20.0	33.0	35.0	W61S2415-40C*****
4.20	47.0	22.0	34.0	35.0	W61S2425-40C*****
4.30	47.0	22.0	34.0	35.0	W61S2435-40C*****
4.40	47.0	22.0	34.0	35.0	W61S2445-40C*****
4.50	47.0	22.0	34.0	35.0	W61S2455-40C*****
4.70	47.0	22.0	34.0	35.0	W61S2475-40C*****
5.00	47.0	24.0	37.0	35.0	W61S2505-40C*****
5.50	47.0	24.0	37.0	35.0	W61S2555-40C*****
6.00	47.0	24.0	37.0	35.0	W61S2605-40C*****
6.30	47.0	27.0	40.0	35.0	W61S2635-40C*****
6.50	48.0	27.0	40.0	35.0	W61S2655-40C*****
7.00	48.0	27.0	40.0	35.0	W61S2705-40C*****
7.20	48.0	27.0	40.0	35.0	W61S2725-40C*****
7.50	58.0	26.0	38.0	45.0	W61S2755-50C*****
7.60	58.0	26.0	38.0	45.0	W61S2765-50C*****
8.00	58.0	26.0	38.0	45.0	W61S2805-50C*****
8.50	58.0	28.0	40.0	45.0	W61S2855-50C*****

备注: 1. "-" 表示容量偏差。"-#" =capacitance tolerance code, K= $\pm 10\%$, J= $\pm 5\%$

2. when P=22.0/27.0mm,d=0.8 \pm 0.05mm; when P>27.0mm,d=1.0 \pm 0.05mm

3. "#"当额定电压是 400Vac 时, 第 4~5 位代码是 G2。"#"when the rated voltage is 400Vac, the digit 4~5 is G2

■ 外形尺寸 Dimensions (mm)

插片式 或绝缘软引线式 Tabs or insulated flexible lead wires					
350Vac/400Vac/450Vac#					
Cn (μ F)	W ± 1	H ± 1	T ± 1	PA	Part number
9.00	58.0	28.0	40.0	45.0	W61S2905-50C*****
9.50	58.0	28.0	40.0	45.0	W61S2955-50C*****
10.00	58.0	32.0	43.0	45.0	W61S2106-50C*****
10.50	58.0	32.0	43.0	45.0	W61S210E-50C*****
11.00	58.0	32.0	43.0	45.0	W61S2116-50C*****
11.50	58.0	32.0	43.0	45.0	W61S211E-50C*****
12.00	68.0	30.0	45.0	55.0	W61S2126-60C*****
12.50	68.0	30.0	45.0	55.0	W61S212E-60C*****
13.00	68.0	30.0	45.0	55.0	W61S2136-60C*****
13.50	68.0	30.0	45.0	55.0	W61S213E-60C*****
14.00	68.0	30.0	45.0	55.0	W61S2146-60C*****
14.50	68.0	32.0	48.0	55.0	W61S214E-60C*****
15.00	68.0	32.0	48.0	55.0	W61S2156-60C*****
15.50	68.0	32.0	48.0	55.0	W61S215E-60C*****
16.00	68.0	32.0	48.0	55.0	W61S2166-60C*****
16.50	68.0	34.0	50.0	55.0	W61S216E-60C*****
17.00	68.0	34.0	50.0	55.0	W61S2176-60C*****
17.50	68.0	34.0	50.0	55.0	W61S217E-60C*****
18.00	68.0	36.0	52.0	55.0	W61S2186-60C*****
18.50	68.0	36.0	52.0	55.0	W61S218E-60C*****
19.00	68.0	36.0	52.0	55.0	W61S2196-60C*****
19.50	70.0	38.0	52.0	55.0	W61S219E-60C*****
20.00	70.0	38.0	52.0	55.0	W61S2206-60C*****

引线式 Tinned lead wire					
250Vac/300Vac#					
Cn (μ F)	W ± 1	H ± 1	T ± 1	P	Part number
0.47	32.0	18.0	9.0	27.0	W61E2474-S8L*****
0.50	32.0	18.0	9.0	27.0	W61E2504-S8L*****
0.55	32.0	17.0	8.0	27.0	W61E2554-S8L*****
0.60	32.0	17.0	8.0	27.0	W61E2604-S8L*****
0.65	32.0	17.0	8.0	27.0	W61E2654-S8L*****
0.68	32.0	17.0	8.0	27.0	W61E2684-S8L*****
0.70	32.0	17.0	8.0	27.0	W61E2704-S8L*****
0.75	32.0	18.0	9.0	27.0	W61E2754-S8L*****
0.80	32.0	18.0	9.0	27.0	W61E2804-S8L*****
0.85	32.0	18.0	9.0	27.0	W61E2854-S8L*****
0.90	32.0	17.0	8.0	27.0	W61E2904-S8L*****
0.95	32.0	17.0	8.0	27.0	W61E2954-S8L*****
1.00	32.0	17.0	8.0	27.0	W61E2105-S8L*****
1.10	32.0	18.0	9.0	27.0	W61E2115-S8L*****
1.20	32.0	18.0	9.0	27.0	W61E2125-S8L*****
1.30	32.0	19.0	10.0	27.0	W61E2135-S8L*****
1.40	32.0	19.0	10.0	27.0	W61E2145-S8L*****
1.50	32.0	19.0	10.0	27.0	W61E2155-S8L*****
1.60	32.0	19.0	10.0	27.0	W61E2165-S8L*****
1.70	32.0	20.0	11.0	27.0	W61E2175-S8L*****
1.80	32.0	20.0	11.0	27.0	W61E2185-S8L*****
1.90	32.0	22.0	12.0	27.0	W61E2195-S8L*****
2.00	32.0	22.0	12.0	27.0	W61E2205-S8L*****
2.10	32.0	22.0	12.0	27.0	W61E2215-S8L*****
2.20	32.0	22.0	12.0	27.0	W61E2225-S8L*****
2.30	32.0	23.0	13.0	27.0	W61E2235-S8L*****
2.40	32.0	23.0	13.0	27.0	W61E2245-S8L*****
2.50	32.0	23.0	13.0	27.0	W61E2255-S8L*****
2.60	32.0	24.5	14.0	27.0	W61E2265-S8L*****
2.70	32.0	24.5	14.0	27.0	W61E2275-S8L*****
2.80	32.0	24.5	14.0	27.0	W61E2285-S8L*****
2.90	32.0	24.5	14.0	27.0	W61E2295-S8L*****
3.00	37.0	25.0	14.0	32.0	W61E2305-WCL*****
3.10	37.0	25.0	14.0	32.0	W61E2315-WCL*****
3.20	37.0	25.0	14.0	32.0	W61E2325-WCL*****
3.25	37.0	25.0	14.0	32.0	W61E232E-WCL*****
3.30	37.0	25.0	14.0	32.0	W61E2335-WCL*****

备注: 1. “-”表示容量偏差。“-”=capacitance tolerance code, K=±10%,J=±5%

2. 本公司所有的插片式的尺寸参见外形图。Dimension of tab please refer to outline drawing

3. “#”当额定电压是 400Vac 时, 第 4~5 位代码是 G2。“#”when the rated voltage is 400Vac, the digit 4~5 is G2

■ 外形尺寸 Dimensions (mm)

引线式 Tinned lead wire					
250Vac/300Vac#					
Cn (μ F)	W ± 1	H ± 1	T ± 1	P	Part number
3.40	38.0	25.0	15.0	32.0	W61E2345-WCL*****
3.50	38.0	25.0	15.0	32.0	W61E2355-WCL*****
3.60	38.0	25.0	15.0	32.0	W61E2365-WCL*****
3.70	38.0	26.0	16.0	32.0	W61E2375-WCL*****
3.80	38.0	26.0	16.0	32.0	W61E2385-WCL*****
3.90	38.0	26.0	16.0	32.0	W61E2395-WCL*****
4.00	38.0	26.0	16.0	32.0	W61E2405-WCL*****
4.10	38.0	26.0	16.0	32.0	W61E2415-WCL*****
4.20	38.0	26.0	16.0	32.0	W61E2425-WCL*****
4.30	38.0	27.0	17.0	32.0	W61E2435-WCL*****
4.40	38.0	27.0	17.0	32.0	W61E2445-WCL*****
4.50	38.0	27.0	17.0	32.0	W61E2455-WCL*****
4.70	38.0	27.0	17.0	32.0	W61E2475-WCL*****
5.00	38.0	28.0	18.0	32.0	W61E2505-WCL*****
5.50	38.0	30.0	20.0	32.0	W61E2555-WCL*****
6.00	38.0	30.0	20.0	32.0	W61E2605-WCL*****
6.30	38.0	30.0	20.0	32.0	W61E2635-WCL*****

插片式 或绝缘软引线式 Tabs or insulated flexible lead wires					
250Vac/300Vac#					
Cn (μ F)	W ± 1	H ± 1	T ± 1	PA	Part number
6.50	47.0	30.0	18.0	35.0	W61E2655-40C*****
7.00	47.0	30.0	18.0	35.0	W61E2705-40C*****
7.50	47.0	30.0	18.0	35.0	W61E2755-40C*****
8.00	48.0	34.0	18.0	35.0	W61E2805-40C*****
8.50	48.0	34.0	18.0	35.0	W61E2855-40C*****
9.00	47.0	34.0	18.0	35.0	W61E2905-40C*****
9.50	47.0	34.0	20.0	35.0	W61E2955-40C*****
10.00	47.0	34.0	20.0	35.0	W61E2106-40C*****
10.50	47.0	34.0	20.0	35.0	W61E210E-40C*****
11.00	47.0	34.0	22.0	35.0	W61E2116-40C*****
11.50	47.0	34.0	22.0	35.0	W61E211E-40C*****
12.00	47.0	34.0	23.0	35.0	W61E2126-40C*****
12.50	47.0	35.0	23.0	35.0	W61E212E-40C*****
13.00	47.0	37.0	24.0	35.0	W61E2136-40C*****
13.50	47.0	37.0	24.0	35.0	W61E213E-40C*****
14.00	47.0	37.0	24.0	35.0	W61E2146-40C*****
14.50	47.0	37.0	26.5	35.0	W61E214E-40C*****
15.00	47.0	37.0	26.5	35.0	W61E2156-40C*****
15.50	48.0	40.0	27.0	35.0	W61E215E-40C*****
16.00	48.0	40.0	27.0	35.0	W61E2166-40C*****
16.50	48.0	40.0	27.0	35.0	W61E216E-40C*****
17.00	48.0	40.0	27.0	35.0	W61E2176-40C*****
17.50	48.0	40.0	27.0	35.0	W61E217E-40C*****
18.00	58.0	38.0	26.0	45.0	W61E2186-50C*****
18.50	58.0	38.0	26.0	45.0	W61E218E-50C*****
19.00	58.0	38.0	26.0	45.0	W61E2196-50C*****
19.50	58.0	38.0	26.0	45.0	W61E219E-50C*****
20.00	58.0	38.0	26.0	45.0	W61E2206-50C*****

备注: 1. "-" 表示容量偏差。"-#" = capacitance tolerance code, K=±10%, J=±5%

2. when P=22.0/27.0mm, d=0.8±0.05mm; when P>27.0mm, d=1.0±0.05mm

3. "#"当额定电压是 300Vac 时, 第 4~5 位代码是 Q1。"##"when the rated voltage is 300Vac, the digit 4~5 is Q1