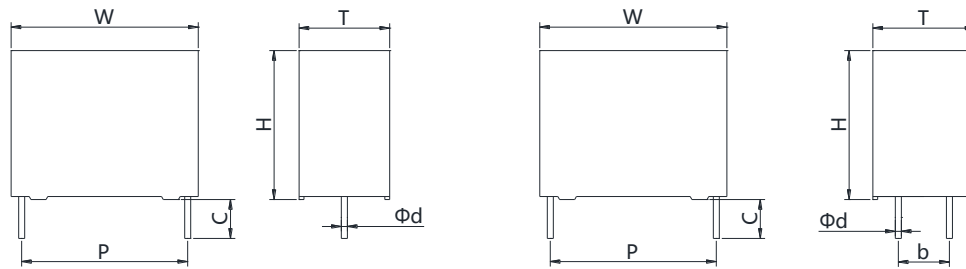


PCB 用交流滤波电容器 AC-filter Capacitor for PCB

■ 外形图 Outline Drawing(mm)



2 Pins

4 Pins

■ 特点

- 自愈
- 金属化聚丙烯结构
- 适用于小功率交流输出滤波电路, 如 UPS、太阳能光伏 DC/AC 逆变器中的 LCL 滤波

■ Features

- Self-healing
- Metallized polypropylene film structure
- Suitable for small power AC output filter, i.e. UPS, Solar Photovoltaic DC/AC inverter with LCL filter

■ 技术要求 Specifications

引用标准 Reference Standard	GB/T 17702(IEC 61071)			
气候类别 Climatic Category	40/85/56			
工作温度(外壳温度) Operating Temperature Range(Case)	-40°C~105°C $\theta_{hs} = +85^{\circ}\text{C} \sim +105^{\circ}\text{C}$: decreasing factor 1.5% per °C for U_{rms}			
额定均方根电压 Rated RMS Voltage (U_{rms})	180 Vac	250 Vac	300 Vac	350 Vac
额定交流电压 Rated a.c. Voltage (U_N)	250 Vac	350 Vac	425 Vac	480 Vac
最大连续直流电压 Maximum continuous DC voltage	300 Vdc	475 Vdc	560 Vdc	600 Vdc
电容量范围 Capacitance Range	4.0 μ F~ 60.0 μ F	1.0 μ F~ 40.0 μ F	1.0 μ F~ 28.0 μ F	0.33 μ F~ 27.0 μ F
电容量偏差 Capacitance Tolerance	$\pm 5\%$ (J), $\pm 10\%$ (K)			
耐电压 Voltage Proof	引线之间 Between Terminals:	1.5 U_N (Vac) (10s)		
	极壳之间 Between Terminals To Case:	3000 Vac (10s)		
绝缘电阻 Insulation Resistance($IR \times C_N$)	>3000s (20①, 100Vdc, 1min)			
损耗角正切 Dissipation Factor	<20 $\times 10^{-4}$ (20°C, 1kHz) (Typical value, 15 $\times 10^{-4}$)			
注: 若用于户外或长期湿度较大场合, 建议选用防潮设计。 For outdoor or severe humidity condition application, recommend to use THB version.				

产品代码说明 Part number system

■ 14 位产品代码说明如下:

The 14 digits part number is formed as follow:

1	2	3	4	5	6	7	8	9	10	11	12	13	14
□	□	□	□	□	□	□	□	□	□	□	□	□	□

W A M

第 1~3 位: 型号代码

WAM

第 4~6 位: 标称容量

举例 : 505 = 50×10^5 PF = $5.0 \mu\text{F}$

256 = 25×10^6 PF = $25.0 \mu\text{F}$

第 7~10 位: 交流额定电压

举例: 0250=250 V 0350=350V

0425=425V 0480=480V

第 11 位: 容量偏差

J=±5%, K=±10%, M=±20%

第 12 位: 引出端代码

1 = 2 Pins

2 = 4 Pins

第 13~14 位: 内部特征码

Digit 1 to 3: Series code

WAM

Digit 4 to 6: Rated capacitance

For example: 505 = 50×10^5 PF = $5.0 \mu\text{F}$

256 = 25×10^6 PF = $25.0 \mu\text{F}$

Digit 7 to 10: AC rated voltage

0250=250 V 0350=350V

0425=425V 0480=480V

Digit 11: Capacitance tolerance

J=±5%, K=±10%, M=±20%

Digit 12: Terminals code

1 = 2 Pins

2 = 4 Pins

Digit 13 to 14: Internal use

■ 技术参数 Technical data(mm)

U _{rms} = 180 Vac, U _N = 250 Vac, U _{NDC} = 300 Vdc													
C _N (μF)	W ±1.0	H ±1.0	T ±1.0	P ±1.0	b ±0.5	Pins	d ±0.05	L _s (nH)	ESR @ 10 kHz z(mΩ)	I _h (A)	I _s (A)	I _{max} @ 70°C, 10kHz(A)	Part number
4.0	32.0	22.0	13.0	27.5	----	2	1.0	16	6.7	280	840	7	WAM4050250-1**
5.0	32.0	28.0	14.0	27.5	----	2	1.0	18	5.3	350	1 050	8	WAM5050250-1**
6.8	32.0	33.0	18.0	27.5	----	2	1.2	21	3.9	476	1 428	11	WAM6850250-1**
10	32.0	33.0	18.0	27.5	----	2	1.2	20	2.7	700	2 100	13	WAM1060250-1**
10	41.0	32.0	17.0	37.5	----	2	1.2	22	4.9	400	1 200	10	WAM1060250-1**
15	41.0	37.0	22.0	37.5	----	2	1.2	24	3.3	600	1 800	14	WAM1560250-1**
18	42.0	36.0	23.0	37.5	----	2	1.2	25	2.7	720	2 160	14	WAM1860250-1**
20	42.0	36.0	23.0	37.5	----	2	1.2	25	2.5	800	2 400	14	WAM2060250-1**
22	41.0	41.0	26.0	37.5	----	2	1.2	26	2.2	880	2 640	14	WAM2260250-1**
25	41.0	41.0	26.0	37.5	----	2	1.2	27	2.0	1 000	3 000	14	WAM2560250-1**
30	42.0	45.0	30.0	37.5	----	2	1.2	28	1.6	1 200	3 600	14	WAM3060250-1**
33	42.0	45.0	30.0	37.5	----	2	1.2	29	1.5	1 320	3 960	14	WAM3360250-1**
40	57.0	43.5	29.5	52.5	20.3	4	1.2	26	2.6	800	2 400	20	WAM4060250-2**
50	57.0	50.0	35.0	52.5	20.3	4	1.2	28	2.1	1 000	3 000	24	WAM5060250-2**
60	57.0	50.0	35.0	52.5	20.3	4	1.2	29	1.7	1 200	3 600	27	WAM6060250-2**

U _{rms} = 250 Vac, U _N = 350 Vac, U _{NDC} = 475 Vdc													
C _N (μF)	W ±1.0	H ±1.0	T ±1.0	P ±1.0	b ±0.5	Pins	d ±0.05	L _s (nH)	ESR @ 10 kHz z(mΩ)	I _h (A)	I _s (A)	I _{max} @ 70°C, 10kHz(A)	Part number
1.5	32.0	20.0	11.0	27.5	----	2	1.0	20	12.9	135	405	4	WAM1550350-1**
2.0	32.0	22.0	13.0	27.5	----	2	1.0	20	9.6	180	540	5	WAM2050350-1**
2.2	32.0	22.0	13.0	27.5	----	2	1.0	20	8.8	198	594	6	WAM2250350-1**
2.5	32.0	22.0	13.0	27.5	----	2	1.0	20	7.7	225	675	6	WAM2550350-1**
3.0	32.0	24.5	15.0	27.5	----	2	1.0	20	6.4	270	810	7	WAM3050350-1**
3.3	32.0	24.5	15.0	27.5	----	2	1.0	21	5.8	297	891	8	WAM3350350-1**
3.5	32.0	28.0	14.0	27.5	----	2	1.0	23	5.5	315	945	8	WAM3550350-1**
4.0	32.0	33.0	18.0	27.5	----	2	1.2	22	4.8	360	1 080	10	WAM4050350-1**
4.5	32.0	33.0	18.0	27.5	----	2	1.2	23	4.3	405	1 215	10	WAM4550350-1**
5.0	32.0	33.0	18.0	27.5	----	2	1.2	23	3.9	450	1 350	11	WAM5050350-1**
6.8	32.0	37.0	22.0	27.5	----	2	1.2	24	2.8	612	1 836	14	WAM6850350-1**
4.7	41.0	26.0	15.0	37.5	----	2	1.2	24	7.8	282	846	7	WAM4750350-1**

- 备注 Note: 1. "-" 表示容量偏差。 "-" = capacitance tolerance code, J=±5%, K=±10%.
2. "I_{max}" 为 10kHz、环境 70°C、Δθ_{case}=15.0°C 的值。 "I_{max}" @10kHz, θ_{amb}=70°C, Δθ_{case}=15°C .
3. "ESR"、"L_s" 为典型值。 "ESR"、"L_s" are typical values
4. "**" 表示内部特征码 "**" = Internal use

■ 技术参数 Technical data(mm)

U _{rms} = 2 5 0 Vac, U _N = 3 5 0 Vac, U _{NDC} = 4 7 5 Vdc													
C _N (μF)	W ±1.0	H ±1.0	T ±1.0	P ±1.0	b ±0.5	Pins	d ±0.05	L _s (nH)	ESR @ 1 0 kH z(mΩ)	\hat{I} (A)	\hat{I}_s (A)	I _{max} @70°C 10kHz(A)	Part number
5.0	42.0	28.0	14.0	37.5	----	2	1.2	26	7.3	300	900	8	WAM5050350-1**
6.0	41.0	32.0	17.0	37.5	----	2	1.2	26	6.1	360	1 080	9	WAM6050350-1**
6.5	41.0	32.0	17.0	37.5	----	2	1.2	26	5.6	390	1 170	10	WAM6550350-1**
6.8	41.0	33.5	18.5	37.5	----	2	1.2	27	5.4	408	1 224	10	WAM6850350-1**
7.5	41.0	33.5	18.5	37.5	----	2	1.2	27	4.9	450	1 350	11	WAM7550350-1**
8.0	41.0	37.0	22.0	37.5	----	2	1.2	27	4.6	480	1 440	12	WAM8050350-1**
10	41.0	37.0	22.0	37.5	----	2	1.2	28	3.7	600	1 800	13	WAM1060350-1**
12	41.0	41.0	26.0	37.5	----	2	1.2	29	3.0	720	2 160	14	WAM1260350-1**
15	41.0	41.0	26.0	37.5	----	2	1.2	30	2.4	900	2 700	14	WAM1560350-1**
18	41.0	43.0	28.0	37.5	----	2	1.2	31	2.0	1 080	3 240	14	WAM1860350-1**
20	42.0	45.0	30.0	37.5	----	2	1.2	32	1.8	1 200	3 600	14	WAM2060350-1**
22	42.0	45.0	30.0	37.5	----	2	1.2	33	1.7	1 320	3 960	14	WAM2260350-1**
25	57.0	43.5	29.5	52.5	20.3	4	1.2	31	3.3	750	2 250	18	WAM2560350-2**
30	57.0	43.5	29.5	52.5	20.3	4	1.2	32	2.7	900	2 700	20	WAM3060350-2**
35	57.0	50.0	35.0	52.5	20.3	4	1.2	32	2.3	1 050	3 150	23	WAM3560350-2**
40	57.0	50.0	35.0	52.5	20.3	4	1.2	33	2.0	1 200	3 600	25	WAM4060350-2**

U _{rms} = 3 0 0 Vac, U _N = 4 2 5 Vac, U _{NDC} = 5 6 0 Vdc													
C _N (μF)	W ±1.0	H ±1.0	T ±1.0	P ±1.0	b ±0.5	Pins	d ±0.05	L _s (nH)	ESR @ 1 0 kH z(mΩ)	\hat{I} (A)	\hat{I}_s (A)	I _{max} @70°C, 10kHz(A)	Part number
1.0	32.0	20.0	11.0	27.5	----	2	1.0	16	15.9	100	300	4	WAM1050425-1**
1.5	32.0	22.0	13.0	27.5	----	2	1.0	17	10.6	150	450	5	WAM1550425-1**
2.0	32.0	24.5	15.0	27.5	----	2	1.0	18	8.9	200	600	6	WAM2050425-1**
2.2	32.0	24.5	15.0	27.5	----	2	1.0	18	8.0	220	660	7	WAM2250425-1**
2.5	32.0	28.0	14.0	27.5	----	2	1.0	19	7.2	250	750	8	WAM2550425-1**
3.0	32.0	33.0	18.0	27.5	----	2	1.2	21	6.4	300	900	9	WAM3050425-1**
3.3	32.0	33.0	18.0	27.5	----	2	1.2	20	5.3	330	990	10	WAM3350425-1**
3.5	32.0	33.0	18.0	27.5	----	2	1.2	21	4.8	350	1 050	10	WAM3550425-1**
4.0	32.0	33.0	18.0	27.5	----	2	1.2	21	4.6	400	1 200	11	WAM4050425-1**
4.7	32.0	37.0	22.0	27.5	----	2	1.2	22	4.0	470	1 410	13	WAM4750425-1**
5.0	32.0	37.0	22.0	27.5	----	2	1.2	22	3.4	500	1 500	13	WAM5050425-1**
6.8	32.0	37.0	22.0	27.5	----	2	1.2	23	3.2	680	2 040	14	WAM6850425-1**
3.0	41.0	26.0	15.0	37.5	----	2	1.2	22	10.1	210	630	6	WAM3050425-1**

- 备注 Note: 1. “-” 表示容量偏差。 “-” = capacitance tolerance code, J=±5%, K=±10%。
 2. “I_{max}” 为 10kHz、环境 70°C、Δθ_{case}=15.0°C 的值。 “I_{max}” @10kHz, θ_{amb}=70°C, Δθ_{case}=15°C。
 3. “ESR”、“L_s” 为典型值。 “ESR”、“L_s” are typical values
 4. “**” 表示内部特征码 “**” = Internal use

■ 术参数 Technical data(mm)

U _{rms} = 3 0 0 Vac, U _N = 4 2 5 Vac, U _{NDC} = 5 6 0 Vdc													
C _N (μF)	W ±1.0	H ±1.0	T ±1.0	P ±1.0	b ±0.5	Pins	d ±0.05	L _s (nH)	ESR @ 1 0 kH z(mΩ)	Î (A)	Î _s (A)	I _{max} @70°C, 10kHz(A)	Part number
3.3	41.0	26.0	15.0	37.5	----	2	1.2	22	9.2	231	693	7	WAM3350425-1**
3.5	42.0	28.0	14.0	37.5	----	2	1.2	23	8.6	245	735	7	WAM3550425-1**
4.0	41.0	32.0	17.0	37.5	----	2	1.2	24	7.6	280	840	8	WAM4050425-1**
4.5	41.0	32.0	17.0	37.5	----	2	1.2	24	6.7	315	945	9	WAM4550425-1**
4.7	41.0	32.0	17.0	37.5	----	2	1.2	24	6.4	329	987	9	WAM4750425-1**
5.0	41.0	33.5	18.5	37.5	----	2	1.2	24	6.0	350	1 050	10	WAM5050425-1**
6.0	41.0	33.5	18.5	37.5	----	2	1.2	25	5.0	420	1 260	11	WAM6050425-1**
6.8	41.0	37.0	22.0	37.5	----	2	1.2	25	4.4	476	1 428	12	WAM6850425-1**
8.0	41.0	37.0	22.0	37.5	----	2	1.2	26	3.8	560	1 680	13	WAM8050425-1**
10	41.0	41.0	26.0	37.5	----	2	1.2	28	3.0	700	2 100	14	WAM1060425-1**
12	41.0	43.0	28.0	37.5	----	2	1.2	29	2.5	840	2 520	14	WAM1260425-1**
15	42.0	45.0	30.0	37.5	----	2	1.2	30	2.1	1 050	3 150	14	WAM1560425-1**
18	57.0	43.5	29.5	52.5	20.3	4	1.2	29	3.8	720	2 160	17	WAM1860425-2**
20	57.0	43.5	29.5	52.5	20.3	4	1.2	29	3.4	800	2 400	18	WAM2060425-2**
22	57.0	43.5	29.5	52.5	20.3	4	1.2	30	3.1	880	2 640	20	WAM2260425-2**
25	57.0	50.0	35.0	52.5	20.3	4	1.2	31	2.7	1 000	3 000	21	WAM2560425-2**
28	57.0	50.0	35.0	52.5	20.3	4	1.2	32	2.4	1 120	3 360	23	WAM2860425-2**

U _{rms} = 3 5 0 Vac, U _N = 4 8 0 Vac, U _{NDC} = 6 0 0 Vdc													
C _N (μF)	W ±1.0	H ±1.0	T ±1.0	P ±1.0	b ±0.5	Pins	d ±0.05	L _s (nH)	ESR @ 1 0 kH z(mΩ)	Î (A)	Î _s (A)	I _{max} @70°C, 10kHz(A)	Part number
0.68	32.0	20.0	11.0	27.5	----	2	0.8	18	27.5	35	104	2.5	WAM6840480-1**
0.82	32.0	22.0	13.0	27.5	----	2	0.8	18	23.3	42	125	3.0	WAM8240480-1**
1.0	32.0	22.0	13.0	27.5	----	2	0.8	18	19.6	51	153	3.2	WAM1050480-1**
1.5	32.0	24.5	15.0	27.5	----	2	0.8	19	14.0	76	229	4.2	WAM1550480-1**
2.0	32.0	30.0	16.0	27.5	----	2	0.8	21	11.1	102	306	5.0	WAM2050480-1**
2.2	32.0	30.0	16.0	27.5	----	2	0.8	20	10.4	112	336	5.2	WAM2250480-1**
2.5	32.0	33.0	18.0	27.5	----	2	1.0	22	7.0	127	382	6.2	WAM2550480-1**
3.0K	32.0	33.0	18.0	27.5	----	2	1.0	21	6.1	145	435	6.5	WAM3050480K1**
3.0	32.0	37.0	22.0	27.5	----	2	1.0	24	5.8	153	458	7.4	WAM3050480J1**
3.3	32.0	37.0	22.0	27.5	----	2	1.0	24	5.3	168	504	7.7	WAM3350480-1**

- 备注 Note: 1. “-” 表示容量偏差。 “-” = capacitance tolerance code, J=±5%, K=±10%.
2. “I_{max}” 为 10kHz、环境 70°C、Δθ_{case}=15.0°C 的值。 “I_{max}” @10kHz, θ_{amb}=70°C, Δθ_{case}=15°C .
3. “ESR”、“L_s” 为典型值。 “ESR”、“L_s” are typical values
4. “**” 表示内部特征码 “**” = Internal use

■ 技术参数 Technical data(mm)

U _{rms} = 350 Vac, U _N = 480 Vac, U _{NDc} = 600 Vdc													
C _N (μF)	W ±1.0	H ±1.0	T ±1.0	P ±1.0	b ±0.5	Pins	d ±0.05	L _s (nH)	ESR @ 10 kHz z(mΩ)	İ (A)	İ _s (A)	I _{max} @70°C, 10kHz(A)	Part number
3.5	32.0	37.0	22.0	27.5	----	2	1.0	23	5.0	178	535	7.9	WAM3550480-1**
4.0	32.0	37.0	22.0	27.5	----	2	1.0	23	4.4	204	611	8.2	WAM4050480-1**
1.0	41.0	22.0	11.0	37.5	----	2	1.0	24	28.0	36	109	2.8	WAM1050480-1**
1.5	41.0	24.0	13.0	37.5	----	2	1.0	25	19.3	55	164	3.7	WAM1550480-1**
2.0	41.0	26.0	15.0	37.5	----	2	1.0	26	14.9	73	219	4.6	WAM2050480-1**
2.2	41.0	26.0	15.0	37.5	----	2	1.0	25	13.7	80	241	4.8	WAM2250480-1**
2.5	41.0	30.0	16.0	37.5	----	2	1.0	27	12.3	91	274	5.3	WAM2550480-1**
3.0	41.0	30.0	16.0	37.5	----	2	1.0	26	10.5	109	328	5.7	WAM3050480-1**
3.3	41.0	32.0	17.0	37.5	----	2	1.0	29	9.7	120	361	6.2	WAM3350480-1**
3.5	41.0	32.0	17.0	37.5	----	2	1.0	28	9.3	128	383	6.4	WAM3550480-1**
4.0	41.0	33.5	18.5	37.5	----	2	1.0	29	8.3	146	438	7.0	WAM4050480-1**
4.5	41.0	37.0	22.0	37.5	----	2	1.0	31	7.6	164	493	8.0	WAM4550480-1**
5.0	41.0	37.0	22.0	37.5	----	2	1.0	30	7.0	182	547	8.3	WAM5050480-1**
5.5	41.0	37.0	22.0	37.5	----	2	1.0	29	6.6	201	602	8.6	WAM5550480-1**
6.0	41.0	41.0	26.0	37.5	----	2	1.0	32	6.2	219	657	9.7	WAM6050480-1**
6.5	41.0	41.0	26.0	37.5	----	2	1.0	31	5.8	237	712	10.0	WAM6550480-1**
7.0	41.0	41.0	26.0	37.5	----	2	1.0	31	5.5	255	766	10.3	WAM7050480-1**
7.5	41.0	41.0	26.0	37.5	----	2	1.0	30	5.3	274	821	10.5	WAM7550480-1**
8.0	41.0	41.0	26.0	37.5	----	2	1.0	30	5.1	292	876	10.5	WAM8050480-1**
8.5	41.0	43.0	28.0	37.5	----	2	1.0	32	4.9	310	930	10.5	WAM8550480-1**
9.0	41.0	43.0	28.0	37.5	----	2	1.0	31	4.7	328	985	10.5	WAM9050480-1**
9.5	42.0	45.0	30.0	37.5	----	2	1.0	33	4.5	347	1 040	10.5	WAM9550480-1**
10.0	42.0	45.0	30.0	37.5	----	2	1.0	32	4.4	365	1 095	10.5	WAM1060480-1**

- 备注 Note: 1. “-” 表示容量偏差。 “-” = capacitance tolerance code, J=±5%, K=±10%.
2. “I_{max}” 为10kHz、环境70°C、Δθ_{case}=15.0°C的值。 “I_{max}” @10kHz, θ_{amb}=70°C, Δθ_{case}=15°C .
3. “ESR”、“L_s” 为典型值。 “ESR”、“L_s” are typical values
4. “**” 表示内部特征码 “**” = Internal use

■ 技术参数 Technical data(mm)

U _{rms} = 3 5 0 Vac, U _N = 4 8 0 Vac, U _{NDC} = 6 0 0 Vdc													
C _N (μF)	W ±1.0	H ±1.0	T ±1.0	P ±1.0	b ±0.5	Pins	d ±0.05	L _s (nH)	ESR @ 1 0 kHz z(mΩ)	I ₁ (A)	I _s (A)	I _{max} @70°C, 10kHz(A)	Part number
10.0	57.0	45.0	25.0	52.5	----	2	1.2	34	5.7	260	781	11.6	WAM1060480-1**
11.0	57.0	45.0	25.0	52.5	----	2	1.2	33	5.3	286	859	11.9	WAM1160480-1**
12.0	57.0	43.5	29.5	52.5	20.3	4	1.2	29	4.4	312	937	14.1	WAM1260480-2**
15.0	57.0	45.0	35.0	52.5	20.3	4	1.2	31	3.7	391	1 172	16.4	WAM1560480-2**
16.0	57.0	45.0	35.0	52.5	20.3	4	1.2	30	3.5	417	1 250	16.8	WAM1660480-2**
18.0	57.0	50.0	35.0	52.5	20.3	4	1.2	33	3.2	469	1 406	18.1	WAM1860480-2**
20.0	57.0	50.0	40.0	52.5	20.3	4	1.2	32	2.9	521	1 562	19.8	WAM2060480-2**

- 备注 Note: 1. “-” 表示容量偏差。 “-” = capacitance tolerance code, J=±5%, K=±10%.
2. “I_{max}” 为 10kHz、环境 70°C、Δθ_{case}=15.0°C的值。 “I_{max}” @10kHz, θ_{amb}=70°C, Δθ_{case}=15°C .
3. “ESR”、“L_s” 为典型值。 “ESR”、“L_s” are typical values
4. “**” 表示内部特征码 “**” = Internal use

■ 技术参数 Technical data(mm) THB version

U _{rms} = 180 Vac, U _N = 250 Vac, U _{NDc} = 300 Vdc													
C _N (μF)	W ±1.0	H ±1.0	T ±1.0	P ±1.0	b ±0.5	Pins	d ±0.05	L _s (nH)	ESR @ 10 kHz z(mΩ)	İ (A)	İ _s (A)	I _{max} @70°C, 10kHz(A)	Part number
4.0	32.0	22.0	13.0	27.5	----	2	1.0	16	6.7	280	840	7	WAM4050250-1**
5.0	32.0	28.0	14.0	27.5	----	2	1.0	18	5.3	350	1 050	8	WAM5050250-1**
6.8	32.0	33.0	18.0	27.5	----	2	1.2	21	3.9	476	1 428	11	WAM6850250-1**
10	32.0	33.0	18.0	27.5	----	2	1.2	20	2.7	700	2 100	13	WAM1060250-1**
10	41.0	32.0	17.0	37.5	----	2	1.2	22	4.9	400	1 200	10	WAM1060250-1**
15	41.0	37.0	22.0	37.5	----	2	1.0	24	3.3	600	1 800	14	WAM1560250-1**
18	42.0	36.0	23.0	37.5	----	2	1.2	25	2.7	720	2 160	14	WAM1860250-1**
20	42.0	36.0	23.0	37.5	----	2	1.2	25	2.5	800	2 400	14	WAM2060250-1**
22	41.0	41.0	26.0	37.5	----	2	1.2	26	2.2	880	2 640	14	WAM2260250-1**
25	41.0	41.0	26.0	37.5	----	2	1.2	27	2.0	1 000	3 000	14	WAM2560250-1**
30	42.0	45.0	30.0	37.5	----	2	1.2	28	1.6	1 200	3 600	14	WAM3060250-1**
33	42.0	45.0	30.0	37.5	----	2	1.2	29	1.5	1 320	3 960	14	WAM3360250-1**
40	57.0	43.5	29.5	52.5	20.3	4	1.2	26	2.6	800	2 400	20	WAM4060250-2**
50	57.0	50.0	35.0	52.5	20.3	4	1.2	28	2.1	1 000	3 000	24	WAM5060250-2**
60	57.0	50.0	35.0	52.5	20.3	4	1.2	29	1.7	1 200	3 600	27	WAM6060250-2**

U _{rms} = 250 Vac, U _N = 350 Vac, U _{NDc} = 475 Vdc													
C _N (μF)	W ±1.0	H ±1.0	T ±1.0	P ±1.0	b ±0.5	Pins	d ±0.05	L _s (nH)	ESR @ 10 kHz z(mΩ)	İ (A)	İ _s (A)	I _{max} @70°C, 10kHz(A)	Part number
1.5	32.0	20.0	11.0	27.5	----	2	1.0	20	12.9	135	405	4	WAM1550350-1**
2.0	32.0	22.0	13.0	27.5	----	2	1.0	20	9.6	180	540	5	WAM2050350-1**
2.2	32.0	22.0	13.0	27.5	----	2	1.0	20	8.8	198	594	6	WAM2250350-1**
2.5	32.0	22.0	13.0	27.5	----	2	1.0	20	7.7	225	675	6	WAM2550350-1**
3.0	32.0	24.5	15.0	27.5	----	2	1.0	20	6.4	270	810	7	WAM3050350-1**
3.3	32.0	24.5	15.0	27.5	----	2	1.0	21	5.8	297	891	8	WAM3350350-1**
3.5	32.0	28.0	14.0	27.5	----	2	1.0	23	5.5	315	945	8	WAM3550350-1**
4.0	32.0	33.0	18.0	27.5	----	2	1.2	22	4.8	360	1 080	10	WAM4050350-1**
4.5	32.0	33.0	18.0	27.5	----	2	1.2	23	4.3	405	1 215	10	WAM4550350-1**
5.0	32.0	33.0	18.0	27.5	----	2	1.2	23	3.9	450	1 350	11	WAM5050350-1**
6.8	32.0	37.0	22.0	27.5	----	2	1.2	24	2.8	612	1 836	14	WAM6850350-1**
4.7	41.0	26.0	15.0	37.5	----	2	1.2	24	7.8	282	846	7	WAM4750350-1**

- 备注 Note: 1. "-" 表示容量偏差。 "-" = capacitance tolerance code, J=±5%, K=±10%.
2. "I_{max}" 为 10kHz、环境 70°C、Δθ_{case}=15.0°C 的值。 "I_{max}" @10kHz, θ_{amb}=70°C, Δθ_{case}=15°C.
3. "ESR"、"L_s" 为典型值。 "ESR"、"L_s" are typical values
4. "**" 表示内部特征码 "**" = Internal use

■ 技术参数 Technical data(mm) THB version

U _{rms} = 2 5 0 Vac, U _N = 3 5 0 Vac, U _{NDC} = 4 7 5 Vdc													
C _N (μF)	W ±1.0	H ±1.0	T ±1.0	P ±1.0	b ±0.5	Pins	d ±0.05	L _s (nH)	ESR @ 1 0 kH z(mΩ)	Î (A)	Î _s (A)	I _{max} @70°C, 10kHz(A)	Part number
5.0	42.0	28.0	14.0	37.5	----	2	1.2	26	7.3	300	900	8	WAM5050350-1**
6.0	41.0	32.0	17.0	37.5	----	2	1.2	26	6.1	360	1 080	9	WAM6050350-1**
6.5	41.0	32.0	17.0	37.5	----	2	1.2	26	5.6	390	1 170	10	WAM6550350-1**
6.8	41.0	33.5	18.5	37.5	----	2	1.2	27	5.4	408	1 224	10	WAM6850350-1**
7.5	41.0	33.5	18.5	37.5	----	2	1.2	27	4.9	450	1 350	11	WAM7550350-1**
8.0	41.0	37.0	22.0	37.5	----	2	1.2	27	4.6	480	1 440	12	WAM8050350-1**
10	41.0	37.0	22.0	37.5	----	2	1.2	28	3.7	600	1 800	13	WAM1060350-1**
12	41.0	41.0	26.0	37.5	----	2	1.2	29	3.0	720	2 160	14	WAM1260350-1**
15	41.0	41.0	26.0	37.5	----	2	1.2	30	2.4	900	2 700	14	WAM1560350-1**
18	41.0	43.0	28.0	37.5	----	2	1.2	31	2.0	1 080	3 240	14	WAM1860350-1**
20	42.0	45.0	30.0	37.5	----	2	1.2	32	1.8	1 200	3 600	14	WAM2060350-1**
22	42.0	45.0	30.0	37.5	----	2	1.2	33	1.7	1 320	3 960	14	WAM2260350-1**
25	57.0	43.5	29.5	52.5	20.3	4	1.2	31	3.3	750	2 250	18	WAM2560350-2**
30	57.0	43.5	29.5	52.5	20.3	4	1.2	32	2.7	900	2 700	20	WAM3060350-2**
35	57.0	50.0	35.0	52.5	20.3	4	1.2	32	2.3	1 050	3 150	23	WAM3560350-2**
40	57.0	50.0	35.0	52.5	20.3	4	1.2	33	2.0	1 200	3 600	25	WAM4060350-2**

U _{rms} = 3 0 0 Vac, U _N = 4 2 5 Vac, U _{NDC} = 5 6 0 Vdc													
C _N (μF)	W ±1.0	H ±1.0	T ±1.0	P ±1.0	b ±0.5	Pins	d ±0.05	L _s (nH)	ESR @ 1 0 kH z(mΩ)	Î (A)	Î _s (A)	I _{max} @70°C, 10kHz(A)	Part number
1.0	32.0	20.0	11.0	27.5	----	2	1.0	16	15.9	100	300	4	WAM1050425-1**
1.5	32.0	22.0	13.0	27.5	----	2	1.0	17	10.6	150	450	5	WAM1550425-1**
2.0	32.0	24.5	15.0	27.5	----	2	1.0	18	8.9	200	600	6	WAM2050425-1**
2.2	32.0	24.5	15.0	27.5	----	2	1.0	18	8.0	220	660	7	WAM2250425-1**
2.5	32.0	28.0	14.0	27.5	----	2	1.0	19	7.2	250	750	8	WAM2550425-1**
3.0	32.0	33.0	18.0	27.5	----	2	1.2	21	6.4	300	900	9	WAM3050425-1**
3.3	32.0	33.0	18.0	27.5	----	2	1.2	20	5.3	330	990	10	WAM3350425-1**
3.5	32.0	33.0	18.0	27.5	----	2	1.2	21	4.8	350	1 050	10	WAM3550425-1**
4.0	32.0	33.0	18.0	27.5	----	2	1.2	21	4.6	400	1 200	11	WAM4050425-1**
4.7	32.0	37.0	22.0	27.5	----	2	1.2	22	4.0	470	1 410	13	WAM4750425-1**
5.0	32.0	37.0	22.0	27.5	----	2	1.2	22	3.4	500	1 500	13	WAM5050425-1**
6.8	32.0	37.0	22.0	27.5	----	2	1.2	23	3.2	680	2 040	14	WAM6850425-1**
3.0	41.0	26.0	15.0	37.5	----	2	1.2	22	10.1	210	630	6	WAM3050425-1**

- 备注 Note: 1. "-" 表示容量偏差。 "-" = capacitance tolerance code, J=±5%, K=±10%.
2. "I_{max}" 为 10kHz、环境 70°C、Δθ_{case}=15.0°C 的值。 "I_{max}" @10kHz, θ_{amb}=70°C, Δθ_{case}=15°C .
3. "ESR"、"L_s" 为典型值。 "ESR"、"L_s" are typical values
4. "**" 表示内部特征码 "**" = Internal use

■ 技术参数 Technical data(mm) THB version

U _{rms} = 3 0 0 Vac, U _N = 4 2 5 Vac, U _{NDC} = 5 6 0 Vdc													
C _N (μF)	W ±1.0	H ±1.0	T ±1.0	P ±1.0	b ±0.5	Pins	d ±0.05	L _s (nH)	ESR @ 1 0 kH z(mΩ)	\hat{I} (A)	\hat{I}_s (A)	I _{max} @70°C, 10kHz(A)	Part number
3.3	41.0	26.0	15.0	37.5	----	2	1.2	22	9.2	231	693	7	WAM3050425-1**
3.5	42.0	28.0	14.0	37.5	----	2	1.2	23	8.6	245	735	7	WAM3550425-1**
4.0	41.0	32.0	17.0	37.5	----	2	1.2	24	7.6	280	840	8	WAM4050425-1**
4.5	41.0	32.0	17.0	37.5	----	2	1.2	24	6.7	315	945	9	WAM4550425-1**
4.7	41.0	32.0	17.0	37.5	----	2	1.2	24	6.4	329	987	9	WAM4750425-1**
5.0	41.0	33.5	18.5	37.5	----	2	1.2	24	6.0	350	1 050	10	WAM5050425-1**
6.0	41.0	33.5	18.5	37.5	----	2	1.2	25	5.0	420	1 260	11	WAM6050425-1**
6.8	41.0	37.0	22.0	37.5	----	2	1.2	25	4.4	476	1 428	12	WAM6850425-1**
8.0	41.0	37.0	22.0	37.5	----	2	1.2	26	3.8	560	1 680	13	WAM8050425-1**
10	41.0	41.0	26.0	37.5	----	2	1.2	28	3.0	700	2 100	14	WAM1060425-1**
12	41.0	43.0	28.0	37.5	----	2	1.2	29	2.5	840	2 520	14	WAM1260425-1**
15	42.0	45.0	30.0	37.5	----	2	1.2	30	2.1	1 050	3 150	14	WAM1560425-1**
18	57.0	43.5	29.5	52.5	20.3	4	1.2	29	3.8	720	2 160	17	WAM1860425-2**
20	57.0	43.5	29.5	52.5	20.3	4	1.2	29	3.4	800	2 400	18	WAM2060425-2**
20	57.0	44.0	29.5	52.5	20.3	4	1.2	29	3.4	800	2 400	18	WAM2060425-2**
22	57.0	43.5	29.5	52.5	20.3	4	1.2	30	3.1	880	2 640	20	WAM2260425-2**
25	57.0	50.0	35.0	52.5	20.3	4	1.2	31	2.7	1 000	3 000	21	WAM2560425-2**
28	57.0	50.0	35.0	52.5	20.3	4	1.2	32	2.4	1 120	3 360	23	WAM2560425-2**

U _{rms} = 3 5 0 Vac, U _N = 4 8 0 Vac, U _{NDC} = 6 0 0 Vdc													
C _N (μF)	W ±1.0	H ±1.0	T ±1.0	P ±1.0	b ±0.5	Pins	d ±0.05	L _s (nH)	ESR @ 1 0 kH z(mΩ)	\hat{I} (A)	\hat{I}_s (A)	I _{max} @70°C, 10kHz(A)	Part number
0.68	32.0	20.0	11.0	27.5	----	2	0.8	18	27.5	35	104	2.5	WAM6840480-1**
0.82	32.0	22.0	13.0	27.5	----	2	0.8	18	23.3	42	125	3.0	WAM8240480-1**
1.0	32.0	22.0	13.0	27.5	----	2	0.8	18	19.6	51	153	3.2	WAM1050480-1**
1.5	32.0	24.5	15.0	27.5	----	2	0.8	19	14.0	76	229	4.2	WAM1550480-1**
2.0	32.0	30.0	16.0	27.5	----	2	0.8	21	11.1	102	306	5.0	WAM2050480-1**
2.2	32.0	30.0	16.0	27.5	----	2	0.8	20	10.4	112	336	5.2	WAM2250480-1**
2.5	32.0	33.0	18.0	27.5	----	2	1.0	22	7.0	127	382	6.2	WAM2550480-1**
3.0	32.0	37.0	22.0	27.5	----	2	1.0	24	5.8	153	458	7.4	WAM3050480-1**
3.3	32.0	37.0	22.0	27.5	----	2	1.0	24	5.3	168	504	7.7	WAM3350480-1**

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

2. "I_{max}" 为 10kHz、环境 70°C、Δθ_{case}=15.0°C 的值。 " I_{max}" @10kHz, θ_{amb}=70°C, Δθ_{case}=15°C .

3. "ESR"、"L_s" 为典型值。 "ESR"、"L_s" are typical values

4. "**" 表示内部特征码 "**" = Internal use

■ 技术参数 Technical data(mm) THB version

U _{rms} = 3 5 0 Vac, U _N = 4 8 0 Vac, U _{NDC} = 6 0 0 Vdc													
C _N (μF)	W ±1.0	H ±1.0	T ±1.0	P ±1.0	b ±0.5	Pins	d ±0.05	L _s (nH)	ESR @ 1 0 kHz z(mΩ)	I ₁ (A)	I ₂ (A)	I _{max} @70°C, 10kHz(A)	Part number
3.5	32.0	37.0	22.0	27.5	----	2	1.0	23	5.0	178	535	7.9	WAM3550480-1**
4.0	32.0	37.0	22.0	27.5	----	2	1.0	23	4.4	204	611	8.2	WAM4050480-1**
1.0	41.0	22.0	11.0	37.5	----	2	1.0	24	28.0	36	109	2.8	WAM1050480-1**
1.5	41.0	24.0	13.0	37.5	----	2	1.0	25	19.3	55	164	3.7	WAM1550480-1**
2.0	41.0	26.0	15.0	37.5	----	2	1.0	26	14.9	73	219	4.6	WAM2050480-1**
2.2	41.0	26.0	15.0	37.5	----	2	1.0	25	13.7	80	241	4.8	WAM2250480-1**
2.5	41.0	30.0	16.0	37.5	----	2	1.0	27	12.3	91	274	5.3	WAM2550480-1**
3.0	41.0	30.0	16.0	37.5	----	2	1.0	26	10.5	109	328	5.7	WAM3050480-1**
3.3	41.0	32.0	17.0	37.5	----	2	1.0	29	9.7	120	361	6.2	WAM3350480-1**
3.5	41.0	32.0	17.0	37.5	----	2	1.0	28	9.3	128	383	6.4	WAM6840480-1**
4.0	41.0	33.5	18.5	37.5	----	2	1.0	29	8.3	146	438	7.0	WAM4050480-1**
4.5	41.0	37.0	22.0	37.5	----	2	1.0	31	7.6	164	493	8.0	WAM4550480-1**
5.0	41.0	37.0	22.0	37.5	----	2	1.0	30	7.0	182	547	8.3	WAM5050480-1**
5.5	41.0	37.0	22.0	37.5	----	2	1.0	29	6.6	201	602	8.6	WAM5550480-1**
6.0	41.0	41.0	26.0	37.5	----	2	1.0	32	6.2	219	657	9.7	WAM6050480-1**
6.5	41.0	41.0	26.0	37.5	----	2	1.0	31	5.8	237	712	10.0	WAM6550480-1**
7.0	41.0	41.0	26.0	37.5	----	2	1.0	31	5.5	255	766	10.3	WAM7050480-1**
7.5	41.0	41.0	26.0	37.5	----	2	1.0	30	5.3	274	821	10.5	WAM7550480-1**
7.5	41.0	43.0	22.0	37.5	----	2	1.0	30	5.3	274	821	10.5	WAM7550480-1**
8.0	41.0	41.0	26.0	37.5	----	2	1.0	30	5.1	292	876	10.5	WAM8050480-1**
8.5	41.0	43.0	28.0	37.5	----	2	1.0	32	4.9	310	930	10.5	WAM8550480-1**
9.0	41.0	43.0	28.0	37.5	----	2	1.0	31	4.7	328	985	10.5	WAM9050480-1**
9.5	42.0	45.0	30.0	37.5	----	2	1.0	33	4.5	347	1 040	10.5	WAM9550480-1**
10.0	42.0	45.0	30.0	37.5	----	2	1.0	32	4.4	365	1 095	10.5	WAM1060480-1**
10.0	42.0	45.0	30.0	37.5	20.3	4	1.0	32	4.4	365	1 095	10.5	WAM1060480-2**

- 备注 Note: 1. "-" 表示容量偏差。 "-" = capacitance tolerance code, J=±5%, K=±10%.
2. "I_{max}" 为 10kHz、环境 70°C、Δθ_{case}=15.0°C 的值。 "I_{max}" @10kHz, θ_{amb}=70°C, Δθ_{case}=15°C .
3. "ESR"、"L_s" 为典型值。 "ESR"、"L_s" are typical values
4. "**" 表示内部特征码 "**" = Internal use

■ 技术参数 Technical data(mm) THB version

U _{rms} = 3 5 0 Vac, U _N = 4 8 0 Vac, U _{NDC} = 6 0 0 Vdc													
C _N (μF)	W ±1.0	H ±1.0	T ±1.0	P ±1.0	b ±0.5	Pins	d ±0.05	L _s (nH)	ESR @ 1 0 kHz z(mΩ)	I ₁ (A)	I ₂ (A)	I _{max} @70°C, 10kHz(A)	Part number
10.0	57.0	45.0	25.0	52.5	----	2	1.2	34	5.7	260	781	11.6	WAM1060480-1**
11.0	57.0	45.0	25.0	52.5	----	2	1.2	33	5.3	286	859	11.9	WAM1160480-1**
12.0	57.0	43.5	29.5	52.5	20.3	4	1.2	29	4.4	312	937	14.1	WAM1260480-2**
15.0	57.0	45.0	35.0	52.5	20.3	4	1.2	31	3.7	391	1172	16.4	WAM1560480-2**
16.0	57.0	45.0	35.0	52.5	20.3	4	1.2	30	3.5	417	1250	16.8	WAM1660480-2**
18.0	57.0	50.0	35.0	52.5	20.3	4	1.2	33	3.2	469	1406	18.1	WAM1860480-2**
20.0	57.0	50.0	40.0	52.5	20.3	4	1.2	32	2.9	521	1562	19.8	WAM2060480-2**
21.0	57.0	50.0	40.0	52.5	20.3	4	1.2	32	2.8	547	1640	20.1	WAM2160480-2**
25.0	57.0	55.0	45.0	52.5	20.3	4	1.2	34	2.5	651	1953	22.8	WAM2560480-2**
27.0	57.0	55.0	45.0	52.5	20.3	4	1.2	33	2.4	703	2109	23.5	WAM2760480-2**

- 备注 Note: 1. “-” 表示容量偏差。 “-” = capacitance tolerance code, J=±5%, K=±10%.
2. “I_{max}” 为 10kHz、环境 70°C、Δθ_{case}=15.0°C 的值。 “I_{max}” @10kHz, θ_{amb}=70°C, Δθ_{case}=15°C .
3. “ESR” 、 “L_s” 为典型值。 “ESR” 、 “L_s” are typical values
4. “**” 表示内部特征码 “**” = Internal use