

▲干式交流滤波电容 AC filter capacitor (Dry type)

▲特点 Features

- 适用于电力电子设备、UPS 电源中的交流滤波电路, 能承受较高的纹波电流及峰值电流、电压
- 具有优良的自愈特性
- 高稳定性, 可靠性
- 干式设计, 安装方式灵活
- The capacitors particularly suit for AC filter circuit in power electric equipment and UPS power unit. They have ability to withstand high r.m.s current and high peak voltage.
- Self-healing property.
- Excellent stable performance and reliability.
- Dry type design, installation is more flexible

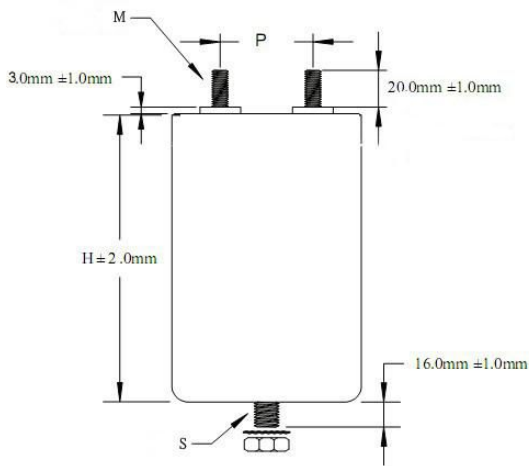
▲技术要求 Specifications

引用标准 Reference standards	GB/T 17702 (IEC 61071)
额定电压 (方均根值) Rated Voltage (Urms)	250Vac~~750Vac
额定频率 Rrted frequency (fn)	50/60Hz
电容偏差值 capacitance tolerance	±5%, ±10%
极间耐压 Test voltage between terminals, (UT-T)	2.15Urms, 10s
极壳耐压 Test voltage between terminals to case, (UT-c)	3000Vac, 10s
损耗角正切值 Dissipation factor (tg δ) @50Hz	≤0.0010
气候类别 Climatic category	40/70/21
可运行温度范围 Operating temperature range	-25℃~70℃
存储温度范围 storage Temperature	-40℃~85℃
防护等级 Degree of protection	IP00
预期寿命 Life Expectancy	After 60000 hours at Urms. 50℃/△C/C≤5%
安装位置 Mounting position	任意方向 Any position
冷却方式 Cooling	自然空气或强制制冷 Naturally air-cooled or force cooled

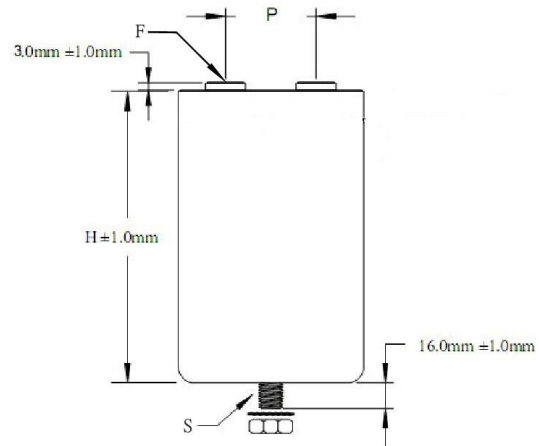
▲Part Numbering System

<b>125</b>	<b>FB*</b>	<b>306</b>	<b>#</b>	<b>-1</b>	<b>S</b>
Voltage	Type	Capacitance	Tolerance	Size	Bottom
125=250vac	FBA	305=3uf	K= ±10%	1	U=Plain can
133=330vac	FBB	306=30uf	J= ±5%	2	S=Stud can
145=450vac		307=300uf		3	

▲外形图/Outline drawing



Type: A



Type: B

Case	Output				Stud mounting		
	M	Torque	F	Torque	P	S	Torque
D=55			M5×8	2.5N.M Max	22	M10×12	6.0N.M Max
D=60, 65			M5×8	2.5N.M Max	28.5	M12×16	8.0N.M Max
D=76, 86	M8×20	8.5N.M Max	M6×8	4.5N.M Max	32		
D=116, 136			M6×10	4.5N.M Max	50		

▲Electrical specifications, ordering codes

Ordering Code	Cap (μF)	D (mm)	H (mm)	P (mm)	Irms@25°C @10kHz(A)	ESR@1.0k Hz(mΩ)	RTH (k/w)	Weight (kg)
		Urms 250VAC		Un 400VDC				
125FB*306#-1S	30	55	55	22.0	28	2.9	9.6	0.20
125FB*506#-1S	50	60	70	22.0	30	3.1	8.0	0.23
125FB*606#-1S	60	65	70	28.6	32	2.8	7.4	0.25
125FB*706#-1S	70	65	70	28.6	35	2.6	7.0	0.30
125FB*107#-1S	100	55	125	28.6	45	2.3	4.8	0.40
125FB*127#-1S	120	60	125	28.6	48	2.1	4.5	0.45
125FB*137#-1S	130	65	125	28.6	50	2.1	4.2	0.50
125FB*157#-1S	150	76	125	32.0	54	1.9	3.6	0.75
125FB*207#-1S	200	86	125	32.0	60	1.8	3.2	0.95
125FB*207#-2S	200	63.5	133	35.0	28	2.5	4.1	0.46
125FB*257#-1S	250	76	180	32.0	69	1.7	2.5	1.00
125FB*357#-1S	350	86	180	32.0	75	1.6	2.2	1.30
		Urms 330VAC		Un 600VDC				
133FB*156#-1S	15	55	55	22.0	25	3.6	9.6	0.20
133FB*256#-1S	25	55	70	22.0	26	4.0	8.0	0.23
133FB*336#-1S	33	60	70	28.6	30	3.4	7.4	0.25
133FB*406#-1S	40	65	70	28.6	32	2.9	7.1	0.30
133FB*506#-1S	50	55	125	22.0	41	2.7	4.8	0.40
133FB*656#-1S	65	60	125	28.6	45	2.4	4.5	0.45
133FB*756#-1S	75	65	125	28.6	48	2.3	4.2	0.50
133FB*107#-1S	100	76	125	32.0	53	1.9	3.6	0.75
133FB*137#-1S	130	86	125	32.0	59	1.9	3.2	0.95
133FB*157#-1S	150	76	180	32.0	68	1.8	2.5	1.00
133FB*207#-1S	200	86	180	32.0	74	1.8	2.2	1.30

▲Electrical specifications, ordering codes

Ordering Code	Cap (μF)	D (mm)	H (mm)	P (mm)	I <sub>rms</sub> @25°C @10kHz(A)	ESR@1.0k Hz(mΩ)	RTH (k/w)	Weight (kg)
		<b>Urms 400VAC</b>		<b>Un 700VDC</b>				
140FB*126#-1S	12	55	55	22.0	25	3.6	9.6	0.20
140FB*156#-1S	15	55	70	22.0	24	4.8	8.0	0.23
140FB*206#-1S	20	60	70	28.6	27	3.9	7.4	0.25
140FB*256#-1S	25	65	70	28.6	30	3.5	6.9	0.30
140FB*336#-2S	33	55	125	22.0	39	2.9	4.8	0.40
140FB*336#-1S	33	55	80	22.0	39	2.9	4.8	0.30
140FB*406#-1S	40	60	125	28.6	42	2.7	4.5	0.45
140FB*506#-1S	50	65	125	28.6	46	2.4	4.2	0.50
140FB*706#-1S	70	76	125	32.0	52	2.1	3.6	0.75
140FB*906#-1S	90	86	125	32.0	58	2.0	3.2	0.95
140FB*107#-1S	100	76	180	32.0	66	1.9	2.5	1.00
140FB*107#-2S	100	65	145	28.6	65	1.9	2.4	0.60
140FB*107#-3S	100	76	145	32.0	66	1.9	2.5	0.80
140FB*137#-1S	130	86	180	32.0	72	1.8	2.2	1.30
140FB*207#-1S	200	76	145	32.0	80	1.6	2.2	0.80
140FB*207#-2S	200	86	180	32.0	83	1.5	2.0	1.30
140FB*507#-2S	500	116	295	32.0	172	1.0	1.1	3.15
		<b>Urms 450VAC</b>		<b>Un 850VDC</b>				
145FB*805#-1S	8.0	55	55	22.0	24	4.1	9.6	0.20
145FB*126#-1S	12	55	70	22.0	24	4.9	8.0	0.23
145FB*156#-1S	15	60	70	28.6	26	4.3	7.4	0.25
145FB*186#-1S	18	65	70	28.6	29	3.8	7.0	0.30
145FB*226#-1S	22	55	125	22.0	36	3.4	4.8	0.40
145FB*276#-1S	27	60	125	28.6	40	3.0	4.5	0.45
145FB*336#-1S	33	65	125	28.6	43	2.7	4.2	0.50
145FB*476#-1S	47	76	125	32.0	50	2.3	3.6	0.75
145FB*606#-1S	60	86	125	32.0	55	2.1	3.2	0.95
145FB*706#-1S	70	76	180	32.0	64	2.0	2.5	1.00
145FB*906#-1S	90	86	180	32.0	69	1.9	2.2	1.30
145FB*207#-1S	200	86	260	32.0	102	1.5	1.8	2.10
		<b>Urms 500VAC</b>		<b>Un 950VDC</b>				
150FB*107#-1S	100	76	225	32.0	53	2.6	5.0	1.20
150FB*137#-1S	133	86	225	32.0	60	2.5	4.8	1.50
150FB*157#-1S	150	86	225	32.0	64	2.5	4.5	1.50
		<b>Urms 550VAC</b>		<b>Un 1050VDC</b>				
155FB*476#-1S	47	76	125	32.0	65	3.0	4.6	0.75
155FB*706#-1S	70	76	180	32.0	76	2.7	4.0	1.00
155FB*127#-1S	120	86	220	32.0	110	2.3	3.2	1.90
		<b>Urms 690VAC</b>		<b>Un 1200VDC</b>				
169FB*506#-1S	50	65	225	28.6	48	3.5	1.8	1.50
169FB*506#-3S	50	136	130	50.0	48	3.5	1.8	1.50
169FB*806#-1S	80	116	186	50.0	58	3.0	2.0	1.70
169FB*906#-1S	90	116	186	50.0	60	2.9	2.0	1.70
169FB*107#-1S	100	136	186	50.0	65	2.5	1.8	2.10
		<b>Urms 750VAC</b>		<b>Un 1200VDC</b>				
175FB*226#-1S	22	86	130	32.0	75	3.3	4.1	1.20
175FB*336#-1S	33	86	180	32.0	77	2.9	3.8	1.30

\*可根据用户需求，提供定制产品。\*Special design available to meet your requirements.