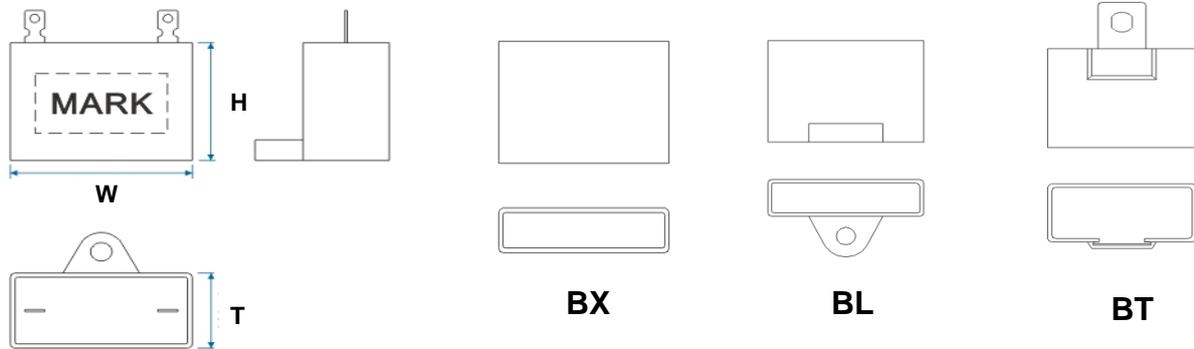




金属化聚酯膜交流电动机电容器
Metalized Polyester film A.C Motor capacitor

■ 外形图 Outline Drawing



■ 特点

- 金属化聚酯膜, 无感卷绕结构
- 自愈性好
- 塑胶外壳, 阻燃环氧树脂封装 (UL 94V-0)
- 符合 RoHS 要求

■ Features

- Metalized polyester film, non-inductive wound construction
- Excellent self-healing property
- Plastic case, Flame retardant epoxy resin sealing (compliance with UL 94V-0)
- Compliance with RoHS

■ 典型应用

- 适用于频率为 50、60Hz 交流电源供电的单相直流电动机启动和运转, 如电子扇、吊扇、排风机和其他设备等

■ Type Application

- Widely applied to starting and running of AC single-phase motors at 50/60Hz frequency power, electronic fan, ceiling, exhaust fan and other equipments.

■ 技术要求 Specifications

电容器类别 Class	MEK	
引用标准 Reference Standard	GB/T 3667.1 (IEC 60252-1)	
气候类别 Climatic Category	25/70/21	
额定电压 Rated Voltage	160Vac, 250Vac, 300Vac, 350Vac, 400Vac, 450Vac, 550Vac	
容量范围 Capacitance range	0.5 μ F~20 μ F	
容差 Capacitance tolerance	\pm 5%(J), \pm 10% (K), +10~-0%(T), +10~-5%(U)	
损失角 Dissipation Factor	\leq 1.0% (1KHz at 20~25 $^{\circ}$ C)	
耐电压 Voltage Proof	引出端之间 Between Terminals	RV \times 175%, 2-10s
	引出端与外壳之间 Between Terminals and case	RV \times 200%+1000V, 60s Not less than 2000Vac
绝缘阻抗 Insulation Resistance	\geq 1000M Ω \cdot μ F	100V, 60s, 20 $^{\circ}$ C

安全认证 Safety Approvals

UL	UL810, CSA.C22.2 No.190(construction only)证书号: E189841
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产品代码说明 Product Code System

■ 产品料号由 20 位数组成，如下：

For example: The part number, comprising 20 digits, is formed as follows.

1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20
G	A	K	1	1	0	5	K	2	5	0	A	B	X	1	0	0	*	*	*

第 1 位	公司代码 G	Digit 1	Company Code G
第 2~3 位	型式代码 MEK(代码 AK)=CL61	Digit 2 to 3	Type Series Code MEK(Code AK)=CL61
第 4 位	芯子代码	Digit 4	Numerical code
第 5-7 位	容值代码 举例： $105=10 \times 10^5 \text{pF} = 10 \times 10^5 \text{nF} = 1.0 \mu\text{F}$	Digit 5 to 7	Capacitance value Code For example : $105=10 \times 10^5 \text{pF} = 10 \times 10^5 \text{nF} = 1.0 \mu\text{F}$
第 8 位	容量偏差代码 J=±5% ,K=±10% ,M=±20%	Digit 8	Capacitance tolerance Code J=±5% ,K=±10% ,M=±20%
第 9-12 位	额定电压代码 250A=250Vac	Digit 9 to 12	Rated voltage Code 250A=250Vac
第 13~15 位	壳体型式代码	Digit 13 to 15	Case shape Code
第 16-17 位	内部特征码	Digit 16 to 17	Internal use
第 18-20 位	客户代码	Digit 18 to 20	Customer Code



■ 外形尺寸 Dimensions(mm)

250VAC						
C _R (uF)	Dimensions 尺寸 (mm)					Part number
	W (±1 mm)	H (±1 mm)	T (±1 mm)	P (±1mm)	dΦ (±0.5mm)	
0.5	32	20	11	27.5	0.8	GAK1504*250ABX100●●●●
1	32	20	11	27.5	0.8	GAK1105*250ABX100●●●●
2	32	20	11	27.5	0.8	GAK1205*250ABX100●●●●
5	32	22	13	27.5	0.8	GAK1505*250ABX100●●●●
6	32	25	15	27.5	0.8	GAK1605*250ABX100●●●●
7	38	23	14	31.5	0.8	GAK1705*250ABX100●●●●
8	38	26	16	31.5	0.8	GAK1805*250ABX100●●●●
10	38	28	18	31.5	0.8	GAK1106*250ABX100●●●●
12	38	29	19	31.5	0.8	GAK1126*250ABX100●●●●
13	38	30	20	31.5	0.8	GAK1136*250ABX100●●●●
15	48	29	19	41.5	0.8	GAK1156*250ABX100●●●●
16	48	29	19	41.5	0.8	GAK1166*250ABX100●●●●
17	48	30	20	41.5	0.8	GAK1176*250ABX100●●●●
20	48	32	23	41.5	0.8	GAK1206*250ABX100●●●●
300VAC						
0.5	32	20	11	27.5	0.8	GAK1504*300ABX100●●●●
1	32	20	11	27.5	0.8	GAK1105*300ABX100●●●●
2	32	20	11	27.5	0.8	GAK1205*300ABX100●●●●
3	32	22	13	27.5	0.8	GAK1305*300ABX100●●●●
4	32	25	15	27.5	0.8	GAK1405*300ABX100●●●●
5	38	23	14	31.5	0.8	GAK1505*300ABX100●●●●
6	38	26	16	31.5	0.8	GAK1605*300ABX100●●●●
7	38	28	18	31.5	0.8	GAK1705*300ABX100●●●●
8	38	29	19	31.5	0.8	GAK1805*300ABX100●●●●
9	38	30	20	31.5	0.8	GAK1905*300ABX100●●●●
10	39	32	22	31.5	0.8	GAK1106*300ABX100●●●●
12	48	30	20	41.5	0.8	GAK1126*300ABX100●●●●
14	48	32	23	41.5	0.8	GAK1146*300ABX100●●●●
15	48	32	23	41.5	0.8	GAK1156*300ABX100●●●●
18	48	37	26	41.5	1	GAK1186*300ABX100●●●●
20	48	37	26	41.5	1	GAK1206*300ABX100●●●●

备注:

1. “*” 表示容量误差. “*”=capacitance tolerance code.
2. “●” 表示客户代码 “●” = customer code



■ 外形尺寸 Dimensions(mm)

350VAC						
C _R (μ F)	Dimensions 尺寸 (mm)					Part number
	W (± 1 mm)	H (± 1 mm)	T (± 1 mm)	P (± 1 mm)	d Φ (± 0.5 mm)	
0.5	32	20	11	27.5	0.8	GAK1504*350ABX100●●●●
1	32	20	11	27.5	0.8	GAK1105*350ABX100●●●●
2	32	22	13	27.5	0.8	GAK1205*350ABX100●●●●
3	38	26	16	31.5	0.8	GAK1305*350ABX100●●●●
4	38	28	18	31.5	0.8	GAK1405*350ABX100●●●●
5	38	29	19	31.5	0.8	GAK1505*350ABX100●●●●
6	39	32	22	31.5	0.8	GAK1605*350ABX100●●●●
8	48	32	23	41.5	0.8	GAK1805*350ABX100●●●●
10	48	32	23	41.5	0.8	GAK1106*350ABX100●●●●
12	48	37	26	41.5	1	GAK1126*350ABX100●●●●
15	50	40	30	41.5	1	GAK1156*350ABX100●●●●
400VAC						
0.5	32	20	11	27.5	0.8	GAK1504*400ABX100●●●●
1	32	20	11	27.5	0.8	GAK1105*400ABX100●●●●
2	38	23	14	31.5	0.8	GAK1205*400ABX100●●●●
3	38	28	18	31.5	0.8	GAK1305*400ABX100●●●●
4	38	30	20	31.5	0.8	GAK1405*400ABX100●●●●
5	48	29	19	41.5	0.8	GAK1505*400ABX100●●●●
6	48	30	20	41.5	0.8	GAK1605*400ABX100●●●●
7	48	32	23	41.5	0.8	GAK1705*400ABX100●●●●
8	48	37	26	41.5	1	GAK1805*400ABX100●●●●
10	50	40	30	41.5	1	GAK1106*400ABX100●●●●
12	50	40	30	41.5	1	GAK1126*400ABX100●●●●
450VAC						
0.5	32	20	11	27.5	0.8	GAK1504*450ABX100●●●●
1	32	22	13	27.5	0.8	GAK1105*450ABX100●●●●
2	38	26	16	31.5	0.8	GAK1205*450ABX100●●●●
3	38	30	20	31.5	0.8	GAK1305*450ABX100●●●●
4	48	29	19	41.5	0.8	GAK1405*450ABX100●●●●
5	48	32	23	41.5	0.8	GAK1505*450ABX100●●●●
6	48	32	23	41.5	0.8	GAK1605*450ABX100●●●●
8	50	40	30	41.5	1	GAK1805*450ABX100●●●●
10	50	40	30	41.5	1	GAK1106*450ABX100●●●●

备注:

1. “*” 表示容量误差. “**”=capacitance tolerance code.
2. “●” 表示客户代码 “●” = customer code