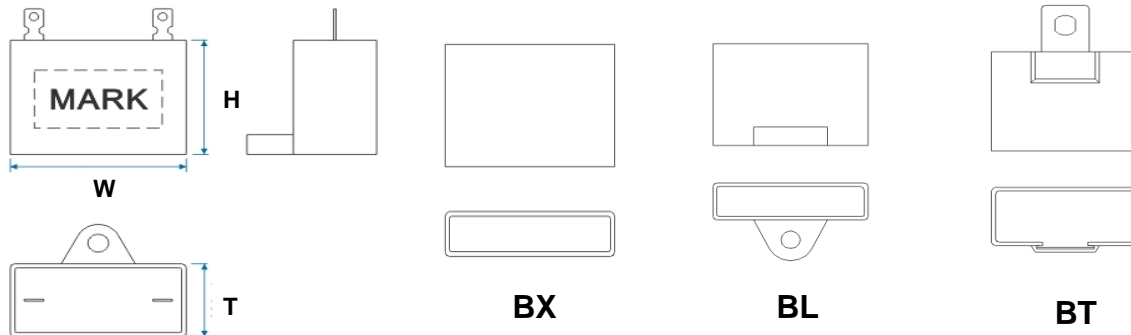




金属化聚丙烯膜交流电动机电容器 Metalized Polypropylene film A.C Motor capacitor

■ 外形图 Outline Drawing



■ 特点

- 金属化聚丙烯膜, 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

■ 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

■ Features

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

■ 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	MPK	
引用标准 Reference Standard	GB/T 3667.1 (IEC 60252-1)	
气候类别 Climatic Category	40/85/21	
额定电压 Rated Voltage	250VAC,300VAC,350VAC,400VAC,450VAC,500VAC,550VAC,600VAC	
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 0.1% (1KHz at 20~25 $^{\circ}$ C)	
耐电压 Voltage Proof	引出端之间 Between Terminals	$U_R \times 2(2s)$
	引出端与外壳之间 Between Terminals and case	$U_R \times 200\% + 1000V$ 1min Not less than 2000VAC
绝缘阻抗 Insulation Resistance	$\geq 1000M\Omega \cdot \mu F$	100V ,60s ,20 $^{\circ}$ C

■ 安全认证 Safety Approvals

UL	UL810, CSA.C22.2 No.190(construction only)证书号: E189841
VDE	Pending 进行中
CQC	Pending 进行中



产品代码说明 Product Code System

■ 产品料号由 20 位数位组成，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	P	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 MPK(代码 PK)=CBB61	Digit 2 to 3	Type Series Code MPK(Code PK)=CBB61
第 4 位	芯子代码	Digit 4	Numerical code
第 5-7 位	容值代码 举例： 105=10×10 ⁵ pF=10*10 ² nF=1.0μF	Digit 5 to 7	Capacitance value Code For example : 105=10×10 ⁵ pF=10*10 ² nF=1.0μF
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 (μF)	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	GPK1504*250ABX100●●●●
1	32	20	11	27.5	0.8	GPK1105*250ABX100●●●●
2	32	22	13	27.5	0.8	GPK1205*250ABX100●●●●
3	32	25	15	27.5	0.8	GPK1305*250ABX100●●●●
4	38	23	14	31.5	0.8	GPK1405*250ABX100●●●●
5	38	23	14	31.5	0.8	GPK1505*250ABX100●●●●
6	38	26	16	31.5	0.8	GPK1605*250ABX100●●●●
8	38	29	19	31.5	0.8	GPK1805*250ABX100●●●●
10	38	30	20	31.5	0.8	GPK1106*250ABX100●●●●
12	48	29	19	41.5	0.8	GPK1126*250ABX100●●●●
14	48	30	20	41.5	0.8	GPK1146*250ABX100●●●●
15	48	32	23	41.5	0.8	GPK1156*250ABX100●●●●
16	48	32	23	41.5	0.8	GPK1166*250ABX100●●●●
18	48	32	23	41.5	0.8	GPK1186*250ABX100●●●●
20	48	37	23	41.5	1	GPK1206*250ABX100●●●●
300VAC						
0.5	32	20	11	27.5	0.8	GPK1504*300ABX100●●●●
1	32	20	11	27.5	0.8	GPK1105*300ABX100●●●●
2	32	22	13	27.5	0.8	GPK1205*300ABX100●●●●
3	32	25	15	27.5	0.8	GPK1305*300ABX100●●●●
4	38	26	16	31.5	0.8	GPK1405*300ABX100●●●●
5	38	28	18	31.5	0.8	GPK1505*300ABX100●●●●
6	38	28	18	31.5	0.8	GPK1605*300ABX100●●●●
8	39	32	22	31.5	0.8	GPK1805*300ABX100●●●●
10	48	30	20	41.5	0.8	GPK1106*300ABX100●●●●
12	48	32	23	41.5	0.8	GPK1126*300ABX100●●●●
14	48	37	26	41.5	1.0	GPK1146*300ABX100●●●●
15	48	37	26	41.5	1.0	GPK1156*300ABX100●●●●
16	48	37	26	41.5	1.0	GPK1166*300ABX100●●●●
18	50	40	30	41.5	1.0	GPK1186*300ABX100●●●●
20	50	40	30	41.5	1.0	GPK1206*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 (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	GPK1504*350ABX100●●●●
1	32	20	11	27.5	0.8	GPK1105*350ABX100●●●●
2	32	25	15	27.5	0.8	GPK1205*350ABX100●●●●
3	38	26	16	31.5	0.8	GPK1305*350ABX100●●●●
5	38	30	20	31.5	0.8	GPK1505*350ABX100●●●●
7	48	32	23	41.5	0.8	GPK1705*350ABX100●●●●
9	48	37	26	41.5	1.0	GPK1905*350ABX100●●●●
10	48	37	26	41.5	1.0	GPK1106*350ABX100●●●●
12	50	40	30	41.5	1.0	GPK1126*350ABX100●●●●
14	50	40	30	41.5	1.0	GPK1146*350ABX100●●●●
15	50	40	30	41.5	1.0	GPK1156*350ABX100●●●●
400VAC						
0.5	32	20	11	27.5	0.8	GPK1504*400ABX100●●●●
1	32	22	13	27.5	0.8	GPK1105*400ABX100●●●●
1.5	38	23	14	31.5	0.8	GPK1155*400ABX100●●●●
2	38	26	16	31.5	0.8	GPK1205*400ABX100●●●●
2.5	38	28	18	31.5	0.8	GPK1255*400ABX100●●●●
3	38	28	18	31.5	0.8	GPK1305*400ABX100●●●●
3.5	38	29	19	31.5	0.8	GPK1355*400ABX100●●●●
4	39	32	22	31.5	0.8	GPK1405*400ABX100●●●●
5	48	30	20	41.5	0.8	GPK1505*400ABX100●●●●
8	48	37	26	41.5	1.0	GPK1805*400ABX100●●●●
10	50	40	30	41.5	1.0	GPK1106*400ABX100●●●●
450VAC						
0.5	32	20	11	27.5	0.8	GPK1504*450ABX100●●●●
1	32	25	15	27.5	0.8	GPK1105*450ABX100●●●●
1.5	38	26	16	31.5	0.8	GPK1155*450ABX100●●●●
2	38	28	18	31.5	0.8	GPK1205*450ABX100●●●●
2.5	38	30	20	31.5	0.8	GPK1255*450ABX100●●●●
3	39	32	22	31.5	0.8	GPK1305*450ABX100●●●●
4	48	32	23	41.5	0.8	GPK1405*450ABX100●●●●
5	48	37	26	41.5	1.0	GPK1505*450ABX100●●●●
8	50	40	30	41.5	1.0	GPK1805*450ABX100●●●●

备注:

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