

CBB60 series / Metallized polypropylene film AC motor capacitor(column, plastic case)

■ General Technical Characteristics 一般特性

Self-healing property
良好的自愈性
Excellent stable performance and reliability
性能稳定、可靠性强

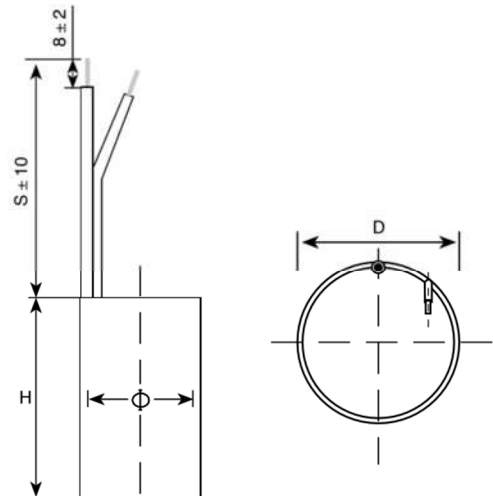
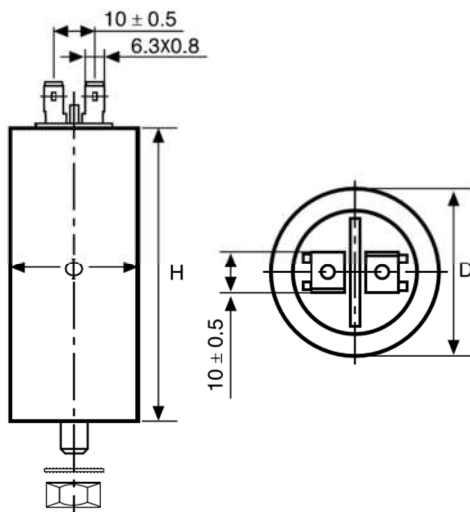
■ Electrical Characteristics 电气特性

Reference Standard 引用标准: GB/T 3667.1 (IEC60252-1)
Climatic Category 气候类别: 40/85/21
Class of Operation 运行等级: 500VAC Class C (3 000h), 450VAC Class B (10 000h)
Rated Voltage 额定电压: 500VAC
Capacitance Range 电容量范围: $1.0\mu\text{F} \sim 80.0\mu\text{F}$
Capacitance Tolerance 电容量偏差: $\pm 5\%$ (J), $\pm 10\%$ (K)
Class of Safety Protection 安全防护等级: S0
Dissipation Factor 损耗角正切: $\leq 0.2\%$ Measured at 1KHz, $C_N \leq 10\mu\text{F}$
 $\leq 0.6\%$ Measured at 1KHz, $C_N \leq 35\mu\text{F}$
 $\leq 0.8\%$ Measured at KHz, $C_N > 35\mu\text{F}$
Test Voltage 耐电压: Between Terminals: 1 000VAC (2S)
Between Terminals to Case: 3 000VAC (60S)
Maximum Permissible Voltage 最高运行电压: $1.1U_N$
Maximum Permissible Current 最高运行电流: $1.3I_N$
Insulation Resistance 绝缘电阻: $\geq 3\ 000\text{s}$ (20°C , 100V, 1min.)

■ Typical Applications 典型应用

Widely applied to starting and running of AC single-phase motors at 50Hz/60Hz frequency
适用于频率为50Hz/60Hz交流电源供电的单相电动机起动和运转

■ Outline Drawing 外形图



■ Part Number System 产品编码说明

K7R	S2	104	K	2	C	00	***
型号代码	额定电压	标称容量	容量偏差	引出端代码	安装形式	引出端长度	内部编码
Series Code:	Voltage:	Capacitance:	Cap. Tol.:	Terminals code:	Installation method:	Length of lead wire:	Internal code
K7R=	S2=450VAC	105=1.0 μF	J=± 5%, K=± 10%	2=two AMP250# per side.	C=Clamp	00: Standard form	
CBB60 Series	H2=500VAC	106=10 μF		4=four AMP250# per side.	8=Bottom bolt M8	50=50mm	
				W=Insulated flexible lead wire	0= Bottom bolt M10		
					2= Bottom bolt M12		

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■ Electrical Specification & Part Numbers Reference 规格型号参考 (mm)

Cap. (μ F)	I_N (A)	Max dV/dt (V/ μ s)	500VAC (Class C) / 450VAC (Class B)					
			Tabs			Insulated Flexible lead wire		
			D	H	Part Number	D	H	Part Number
1.0	0.16	20	25	43	K7RH2105*****	25	38	K7RH2105*****
1.25	0.20	20	25	43	K7RH21254*****	25	38	K7RH21254*****
1.5	0.24	20	25	43	K7RH2155*****	25	38	K7RH2155*****
1.7	0.27	20	25	43	K7RH2175*****	25	38	K7RH2175*****
2.0	0.31	20	30	43	K7RH2205*****	30	38	K7RH2205*****
2.5	0.39	20	30	43	K7RH2255*****	30	38	K7RH2255*****
3.0	0.47	20	30	43	K7RH2305*****	30	38	K7RH2305*****
3.15	0.49	20	30	43	K7RH23154*****	30	38	K7RH23154*****
3.5	0.55	20	30	53	K7RH2355*****	30	48	K7RH2355*****
4.0	0.63	20	30	53	K7RH2405*****	30	48	K7RH2405*****
4.5	0.71	20	30	53	K7RH2455*****	30	48	K7RH2455*****
5.0	0.79	20	30	53	K7RH2505*****	30	48	K7RH2505*****
5.5	0.86	20	35	53	K7RH2556*****	35	48	K7RH2556*****
6.0	0.94	20	35	53	K7RH2605*****	35	48	K7RH2605*****
6.3	0.99	20	35	53	K7RH2635*****	35	48	K7RH2635*****
6.5	1.02	20	35	53	K7RH2655*****	35	48	K7RH2655*****
7.0	1.10	20	35	53	K7RH2705*****	35	48	K7RH2705*****
7.5	1.18	20	35	53	K7RH2755*****	35	48	K7RH2755*****
8.0	1.26	20	35	53	K7RH2805*****	35	48	K7RH2805*****
9.0	1.41	20	35	63	K7RH2905*****	35	58	K7RH2905*****
10.0	1.57	20	35	63	K7RH2106*****	35	58	K7RH2106*****
12.0	1.88	20	40	63	K7RH2126*****	40	58	K7RH2126*****
13.0	2.04	20	40	63	K7RH2136*****	40	58	K7RH2136*****
14.0	2.20	20	40	63	K7RH2146*****	40	58	K7RH2146*****
15.0	2.36	20	40	73	K7RH2156*****	40	68	K7RH2156*****
16.0	2.51	20	40	73	K7RH2166*****	40	68	K7RH2166*****
18.0	2.83	20	40	73	K7RH2186*****	40	68	K7RH2186*****
20.0	3.14	20	40	73	K7RH2206*****	40	68	K7RH2206*****
25.0	3.93	20	40	98	K7RH2256*****	40	93	K7RH2256*****
30.0	4.71	20	40	98	K7RH2306*****	40	93	K7RH2306*****
31.5	4.95	20	45	98	K7RH23155*****	45	93	K7RH23155*****
32.0	5.02	20	45	98	K7RH2326*****	45	93	K7RH2326*****
35.0	5.50	20	45	98	K7RH2356*****	45	93	K7RH2356*****
36.0	5.65	20	45	98	K7RH2366*****	45	93	K7RH2366*****
40.0	6.28	20	45	98	K7RH2406*****	45	93	K7RH2406*****
45.0	7.07	20	50	98	K7RH2456*****	50	93	K7RH2456*****
50.0	7.85	20	50	98	K7RH2506*****	50	93	K7RH2506*****
55.0	8.64	20	50	123	K7RH2556*****	50	118	K7RH2556*****
60.0	9.42	20	50	123	K7RH2606*****	50	118	K7RH2606*****
70.0	10.99	20	55	123	K7RH2706*****	55	118	K7RH2706*****
80.0	12.56	20	60	123	K7RH2806*****	60	118	K7RH2806*****

备注：1. "*****" = Capacitance tolerance code, Terminals code, installation method, Length of lead wire and Internal code.

"*****" 表示容量偏差，引出端代码，安装形式，引出端长度和内部编码。

2. Customization for special specification and requirement is available.