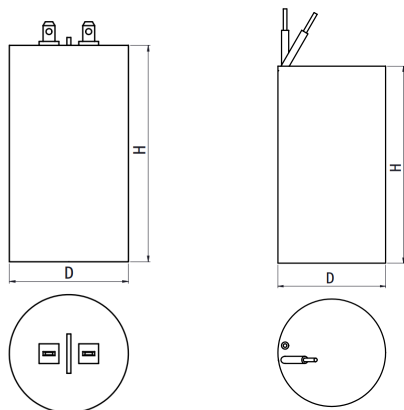


C64
CBB60M series

金属化聚丙烯膜灯具电容器(温度 100°C) Metallized polypropylene film capacitor for lamps(temperature 100°C)

■ 外形图 Outline Drawing



■ 特点

广泛用于荧光灯、高压汞灯、钠灯、金属卤素灯等以频率为 50Hz/60Hz 的交流电源供电的照明灯具中的变压器、电子镇流器的功率因数补偿, 使灯具的功率因数 $\cos\phi \geq 0.9$, 并且允许电容器表面温度达到 100°C。

■ Features

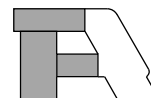
The capacitors are designed for lighting applications such as fluorescent lamps, high-pressure mercury vapor lamps, sodium lamps, and metal halide lamps. The capacitors are used for power factor compensation of transformers and magnetic ballasts in lamps with a frequency of 50 or 60Hz, which makes the power factor to achieve $\cos\phi \geq 0.9$. The temperature on capacitor surface is admitted to reach 100°C.

■ 安全认证 Safety Approvals

●	cULus	UL (美国/加拿大)	UL810, CSA C22.2 No.190 (construction only), max. 400Vac, 50Hz/60Hz, 5μF ~ 75μF, max.100°C 证书号(File No.): E256238, CCN:CZDS2/8
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■ 技术要求 Specifications

引用标准 Reference Standard	GB/T 18489-2008(IEC 61048:2006) GB/T 18504-2001(IEC 61049:1991)
额定电压 Rated Voltage (U_n)	240Vac, 280Vac, 330Vac, 350Vac, 400Vac
额定频率 Rated Frequency (f_n)	50Hz/60Hz
电容量范围 Capacitance Range (C_n)	5.0μF ~ 75.0μF
电容量偏差 Capacitance Tolerance	±3%(H), ±5%(J), ±10%(K)
额定最高温度(电容器表面温度, t_c) Rated Max. Temperature (on capacitor surface, t_c)	100°C
气候类别 Climatic Category	40/100/10
外壳类型 Case	Plastic or Aluminum
凝露 Condensation	Not permitted
耐电压(引线之间) Test Voltage Between Terminals	2 U_n , 2s
耐电压(极壳之间) Test Voltage Between Terminals to Case	3 000Vac, 60s (max. leakage current: 0.5mA)
最高工作电压 Max. Operating Voltage	1.1 U_n
额定电流 Rated Current (I_n)	$2\pi f_n C_n U_n \times 10^{-6}$ (A)(Unit of C_n : μF)
最大工作电流 Max. Operating Current	1.3 I_n



外壳防护等级 Degree of protection		IP00
电极端子 Terminals		Push in connector or insulated wires
最高使用海拔 Max Altitude		2 000m
安装 Installation	引出端形式 Terminal form	插片式AMP250#每边1个 Tabs type one AMP250# per side
		绝缘线剥线式 Insulate lead wire
	安装形式 Fixed style	中部卡圈 Ring-clip in the middle of case

■ 产品编码说明 Part number system

15 位产品代码如下:

The 15 digits part number is formed as follow:

1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
C	6	4												

第 1~3 位 型号代码

C64=CBB60M

第 4~5 位 交流额定电压

P1=240V P3=280V R1=330V

R2=350V G2=400V

第 6~8 位 标称容量

举例: 505=50×10⁵pF=5.0μF

第 9 位 容量偏差

H=±3%, J=±5%, K=±10%

第 10~15 位 内部特征码

Digit 1 to 3

Series code

C64=CBB60M

Digit 4 to 5

AC rated voltage

P1=240V P3=280V R1=330V

R2=350V G2=400V

Digit 6 to 8

Rated capacitance value

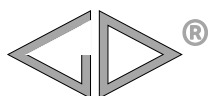
for example: 505=50×10⁵pF=5.0μF

Digit 9

Capacitance tolerance

H=±3%, J=±5%, K=±10%

Digit 10 to 15 Internal use



C64
CBB60M series

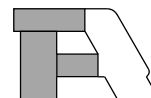
■ 外形尺寸 Dimensions(mm)

240Vac					280Vac					330Vac				
C _n (μF)	D ±2.0	H ±3.0	Discharge resistor	Part number	C _n (μF)	D ±2.0	H ±3.0	Discharge resistor	Part number	C _n (μF)	D ±2.0	H ±3.0	Discharge resistor	Part number
5.0	30	55	0.5W, 0.82MΩ	C64P1505-*****	5.0	30	55	0.5W, 0.82MΩ	C64P3505-*****	5.0	30	55	0.5W, 0.82MΩ	C64R1505-*****
6.0	30	55	0.5W, 0.82MΩ	C64P1605-*****	6.0	30	55	0.5W, 0.82MΩ	C64P3605-*****	6.0	30	75	0.5W, 0.82MΩ	C64R1605-*****
7.0	30	55	0.5W, 0.82MΩ	C64P1705-*****	7.0	30	75	0.5W, 0.82MΩ	C64P3705-*****	7.0	30	75	0.5W, 0.82MΩ	C64R1705-*****
8.0	30	55	0.5W, 0.82MΩ	C64P1805-*****	8.0	30	75	0.5W, 0.82MΩ	C64P3805-*****	8.0	30	75	0.5W, 0.82MΩ	C64R1805-*****
8.4	30	55	0.5W, 0.82MΩ	C64P1845-*****	8.4	30	75	0.5W, 0.82MΩ	C64P3845-*****	8.4	30	75	0.5W, 0.82MΩ	C64R1845-*****
10.0	30	75	0.5W, 0.82MΩ	C64P1106-*****	10.0	30	75	0.5W, 0.82MΩ	C64P3106-*****	10.0	35	75	0.5W, 0.82MΩ	C64R1106-*****
11.0	30	75	0.5W, 0.82MΩ	C64P1116-*****	11.0	35	75	0.5W, 0.82MΩ	C64P3116-*****	11.0	35	75	0.5W, 0.82MΩ	C64R1116-*****
12.0	30	75	0.5W, 0.82MΩ	C64P1126-*****	12.0	35	75	0.5W, 0.82MΩ	C64P3126-*****	12.0	35	75	0.5W, 0.82MΩ	C64R1126-*****
13.0	30	75	0.5W, 0.82MΩ	C64P1136-*****	13.0	35	75	0.5W, 0.82MΩ	C64P3136-*****	13.0	35	75	0.5W, 0.82MΩ	C64R1136-*****
14.0	30	75	0.5W, 0.82MΩ	C64P1146-*****	14.0	35	75	0.5W, 0.82MΩ	C64P3146-*****	14.0	40	75	0.5W, 0.82MΩ	C64R1146-*****
15.0	35	75	0.5W, 0.82MΩ	C64P1156-*****	15.0	40	75	0.5W, 0.82MΩ	C64P3156-*****	15.0	40	75	0.5W, 0.82MΩ	C64R1156-*****
16.0	35	75	0.5W, 0.82MΩ	C64P1166-*****	16.0	40	75	0.5W, 0.82MΩ	C64P3166-*****	16.0	40	75	0.5W, 0.82MΩ	C64R1166-*****
17.0	35	75	0.5W, 0.82MΩ	C64P1176-*****	17.0	40	75	0.5W, 0.82MΩ	C64P3176-*****	17.0	40	75	0.5W, 0.82MΩ	C64R1176-*****
17.5	35	75	0.5W, 0.82MΩ	C64P117E-*****	17.5	40	75	0.5W, 0.82MΩ	C64P317E-*****	17.5	35	95	0.5W, 0.82MΩ	C64R117E-*****
18.0	35	75	0.5W, 0.82MΩ	C64P1186-*****	18.0	40	75	0.5W, 0.82MΩ	C64P3186-*****	18.0	35	95	0.5W, 0.82MΩ	C64R1186-*****
18.5	35	75	0.5W, 0.82MΩ	C64P118E-*****	18.5	40	75	0.5W, 0.82MΩ	C64P318E-*****	18.5	35	95	0.5W, 0.82MΩ	C64R118E-*****
20.0	35	75	0.5W, 0.82MΩ	C64P1206-*****	20.0	35	95	0.5W, 0.82MΩ	C64P3206-*****	20.0	35	95	0.5W, 0.82MΩ	C64R1206-*****
20.5	35	75	0.5W, 0.82MΩ	C64P120E-*****	20.5	35	95	0.5W, 0.82MΩ	C64P320E-*****	20.5	40	95	0.5W, 0.82MΩ	C64R120E-*****
21.0	35	75	0.5W, 0.82MΩ	C64P1216-*****	21.0	35	95	0.5W, 0.82MΩ	C64P3216-*****	21.0	40	95	0.5W, 0.82MΩ	C64R1216-*****
22.0	35	75	0.5W, 0.82MΩ	C64P1226-*****	22.0	35	95	0.5W, 0.82MΩ	C64P3226-*****	22.0	40	95	0.5W, 0.82MΩ	C64R1226-*****
22.5	40	75	0.5W, 0.82MΩ	C64P122E-*****	22.5	35	95	0.5W, 0.82MΩ	C64P322E-*****	22.5	40	95	0.5W, 0.82MΩ	C64R122E-*****
24.0	40	75	0.5W, 0.82MΩ	C64P1246-*****	24.0	40	95	0.5W, 0.82MΩ	C64P3246-*****	24.0	40	95	0.5W, 0.82MΩ	C64R1246-*****
24.5	40	75	0.5W, 0.82MΩ	C64P124E-*****	24.5	40	95	0.5W, 0.82MΩ	C64P324E-*****	24.5	40	95	0.5W, 0.82MΩ	C64R124E-*****
25.0	40	75	0.5W, 0.82MΩ	C64P1256-*****	25.0	40	95	0.5W, 0.82MΩ	C64P3256-*****	25.0	40	95	0.5W, 0.82MΩ	C64R1256-*****
25.5	40	75	0.5W, 0.82MΩ	C64P125E-*****	25.5	40	95	0.5W, 0.82MΩ	C64P325E-*****	25.5	40	95	0.5W, 0.82MΩ	C64R125E-*****
26.0	40	75	0.5W, 0.82MΩ	C64P1266-*****	26.0	40	95	0.5W, 0.82MΩ	C64P3266-*****	26.0	40	95	0.5W, 0.82MΩ	C64R1266-*****
26.5	40	75	0.5W, 0.82MΩ	C64P126E-*****	26.5	40	95	0.5W, 0.82MΩ	C64P326E-*****	26.5	40	95	0.5W, 0.82MΩ	C64R126E-*****
28.0	40	75	0.5W, 0.82MΩ	C64P1286-*****	28.0	40	95	0.5W, 0.82MΩ	C64P3286-*****	28.0	40	95	0.5W, 0.82MΩ	C64R1286-*****
30.0	35	95	0.5W, 0.47MΩ	C64P1306-*****	30.0	40	95	0.5W, 0.47MΩ	C64P3306-*****	30.0	45	95	0.5W, 0.47MΩ	C64R1306-*****
32.0	35	95	0.5W, 0.47MΩ	C64P1326-*****	32.0	40	95	0.5W, 0.47MΩ	C64P3326-*****	32.0	45	95	0.5W, 0.47MΩ	C64R1326-*****
34.0	35	95	0.5W, 0.47MΩ	C64P1346-*****	34.0	40	95	0.5W, 0.47MΩ	C64P3346-*****	34.0	45	95	0.5W, 0.47MΩ	C64R1346-*****
35.0	40	95	0.5W, 0.47MΩ	C64P1356-*****	35.0	45	95	0.5W, 0.47MΩ	C64P3356-*****	35.0	45	95	0.5W, 0.47MΩ	C64R1356-*****
36.0	40	95	0.5W, 0.47MΩ	C64P1366-*****	36.0	45	95	0.5W, 0.47MΩ	C64P3366-*****	36.0	45	95	0.5W, 0.47MΩ	C64R1366-*****
40.0	40	95	0.5W, 0.47MΩ	C64P1406-*****	40.0	45	95	0.5W, 0.47MΩ	C64P3406-*****	40.0	45	120	0.5W, 0.47MΩ	C64R1406-*****
45.0	40	95	0.5W, 0.47MΩ	C64P1456-*****	45.0	45	95	0.5W, 0.47MΩ	C64P3456-*****	45.0	45	120	0.5W, 0.47MΩ	C64R1456-*****
48.0	40	95	0.5W, 0.47MΩ	C64P1486-*****	48.0	45	120	0.5W, 0.47MΩ	C64P3486-*****	48.0	45	120	0.5W, 0.47MΩ	C64R1486-*****
50.0	45	95	0.5W, 0.47MΩ	C64P1506-*****	50.0	45	120	0.5W, 0.47MΩ	C64P3506-*****	50.0	45	120	0.5W, 0.47MΩ	C64R1506-*****
52.0	45	95	0.5W, 0.33MΩ	C64P1526-*****	52.0	45	120	0.5W, 0.33MΩ	C64P3526-*****	52.0	50	120	0.5W, 0.33MΩ	C64R1526-*****
55.0	45	95	0.5W, 0.33MΩ	C64P1556-*****	55.0	45	120	0.5W, 0.33MΩ	C64P3556-*****	55.0	50	120	0.5W, 0.33MΩ	C64R1556-*****
56.0	45	95	0.5W, 0.33MΩ	C64P1566-*****	56.0	45	120	0.5W, 0.33MΩ	C64P3566-*****	56.0	50	120	0.5W, 0.33MΩ	C64R1566-*****
60.0	45	95	0.5W, 0.33MΩ	C64P1606-*****	60.0	45	120	0.5W, 0.33MΩ	C64P3606-*****	60.0	50	120	0.5W, 0.33MΩ	C64R1606-*****
62.0	45	95	0.5W, 0.33MΩ	C64P1626-*****	62.0	50	120	0.5W, 0.33MΩ	C64P3626-*****	62.0	50	120	0.5W, 0.33MΩ	C64R1626-*****
64.0	45	95	0.5W, 0.33MΩ	C64P1646-*****	64.0	50	120	0.5W, 0.33MΩ	C64P3646-*****	64.0	50	120	0.5W, 0.33MΩ	C64R1646-*****
65.0	45	95	0.5W, 0.33MΩ	C64P1656-*****	65.0	50	120	0.5W, 0.33MΩ	C64P3656-*****	65.0	50	120	0.5W, 0.33MΩ	C64R1656-*****
70.0	45	120	0.5W, 0.33MΩ	C64P1706-*****	70.0	50	120	0.5W, 0.33MΩ	C64P3706-*****	70.0	50	130	0.5W, 0.33MΩ	C64R1706-*****
75.0	45	120	0.5W, 0.33MΩ	C64P1756-*****	75.0	50	120	0.5W, 0.33MΩ	C64P3756-*****	72.0	50	130	0.5W, 0.33MΩ	C64R1726-*****

备注 Note: 1. “-” 表示容量偏差。 “-” =capacitance tolerance code, H=±3%, J=±5%, K=±10%.

2. “*****” 表示内部特征码。 “*****” = Internal use.

3. 其它容量、尺寸系列可按用户需求商定。 Other values and dimensions are available on request.



■ 外形尺寸 Dimensions(mm)

350Vac				
C _n (μF)	D ±2.0	H ±3.0	Discharge resistor	Part number
5.0	30	55	0.5W,0.82MΩ	C64R2505-*****
6.0	30	75	0.5W,0.82MΩ	C64R2605-*****
7.0	30	75	0.5W,0.82MΩ	C64R2705-*****
8.0	35	75	0.5W,0.82MΩ	C64R2805-*****
8.4	35	75	0.5W,0.82MΩ	C64R2845-*****
10.0	35	75	0.5W,0.82MΩ	C64R2106-*****
11.0	35	75	0.5W,0.82MΩ	C64R2116-*****
12.0	35	75	0.5W,0.82MΩ	C64R2126-*****
13.0	40	75	0.5W,0.82MΩ	C64R2136-*****
14.0	40	75	0.5W,0.82MΩ	C64R2146-*****
15.0	40	75	0.5W,0.82MΩ	C64R2156-*****
16.0	35	95	0.5W,0.82MΩ	C64R2166-*****
17.0	35	95	0.5W,0.82MΩ	C64R2176-*****
17.5	40	95	0.5W,0.82MΩ	C64R217E-*****
18.0	40	95	0.5W,0.82MΩ	C64R2186-*****
18.5	40	95	0.5W,0.82MΩ	C64R218E-*****
20.0	40	95	0.5W,0.82MΩ	C64R2206-*****
20.5	40	95	0.5W,0.82MΩ	C64R220E-*****
21.0	40	95	0.5W,0.82MΩ	C64R2216-*****
22.0	40	95	0.5W,0.82MΩ	C64R2226-*****
22.5	40	95	0.5W,0.82MΩ	C64R222E-*****
24.0	40	95	0.5W,0.82MΩ	C64R2246-*****
24.5	45	95	0.5W,0.82MΩ	C64R224E-*****
25.0	45	95	0.5W,0.82MΩ	C64R2256-*****
25.5	45	95	0.5W,0.82MΩ	C64R225E-*****
26.0	45	95	0.5W,0.82MΩ	C64R2266-*****
26.5	45	95	0.5W,0.82MΩ	C64R226E-*****
28.0	45	95	0.5W,0.82MΩ	C64R2286-*****
30.0	45	95	0.5W,0.47MΩ	C64R2306-*****
32.0	45	120	0.5W,0.47MΩ	C64R2326-*****
34.0	45	120	0.5W,0.47MΩ	C64R2346-*****
35.0	45	120	0.5W,0.47MΩ	C64R2356-*****
36.0	45	120	0.5W,0.47MΩ	C64R2366-*****
40.0	45	120	0.5W,0.47MΩ	C64R2406-*****
45.0	50	120	0.5W,0.47MΩ	C64R2456-*****
48.0	50	120	0.5W,0.47MΩ	C64R2486-*****
50.0	50	120	0.5W,0.47MΩ	C64R2506-*****
52.0	50	120	0.5W,0.33MΩ	C64R2526-*****
55.0	50	120	0.5W,0.33MΩ	C64R2556-*****

400Vac				
C _n (μF)	D ±2.0	H ±3.0	Discharge resistor	Part number
5.0	30	75	0.5W,0.82MΩ	C64G2505-*****
6.0	30	75	0.5W,0.82MΩ	C64G2605-*****
7.0	35	75	0.5W,0.82MΩ	C64G2705-*****
8.0	35	75	0.5W,0.82MΩ	C64G2805-*****
8.4	35	75	0.5W,0.82MΩ	C64G2845-*****
10.0	40	75	0.5W,0.82MΩ	C64G2106-*****
11.0	40	75	0.5W,0.82MΩ	C64G2116-*****
12.0	35	95	0.5W,0.82MΩ	C64G2126-*****
13.0	35	95	0.5W,0.82MΩ	C64G2136-*****
14.0	35	95	0.5W,0.82MΩ	C64G2146-*****
15.0	40	95	0.5W,0.82MΩ	C64G2156-*****
16.0	40	95	0.5W,0.82MΩ	C64G2166-*****
17.0	40	95	0.5W,0.82MΩ	C64G2176-*****
17.5	40	95	0.5W,0.82MΩ	C64G217E-*****
18.0	40	95	0.5W,0.82MΩ	C64G2186-*****
18.5	40	95	0.5W,0.82MΩ	C64G218E-*****
20.0	40	95	0.5W,0.82MΩ	C64G2206-*****
20.5	45	95	0.5W,0.82MΩ	C64G220E-*****
21.0	45	95	0.5W,0.82MΩ	C64G2216-*****
22.0	45	95	0.5W,0.82MΩ	C64G2226-*****
22.5	45	95	0.5W,0.82MΩ	C64G222E-*****
24.0	45	95	0.5W,0.82MΩ	C64G2246-*****
24.5	45	95	0.5W,0.82MΩ	C64G224E-*****
25.0	45	95	0.5W,0.82MΩ	C64G2256-*****
25.5	45	95	0.5W,0.82MΩ	C64G225E-*****
26.0	45	95	0.5W,0.82MΩ	C64G2266-*****
26.5	45	95	0.5W,0.82MΩ	C64G226E-*****
28.0	45	120	0.5W,0.82MΩ	C64G2286-*****
30.0	45	120	0.5W,0.47MΩ	C64G2306-*****
32.0	45	120	0.5W,0.47MΩ	C64G2326-*****
34.0	45	120	0.5W,0.47MΩ	C64G2346-*****
35.0	45	120	0.5W,0.47MΩ	C64G2356-*****
36.0	45	120	0.5W,0.47MΩ	C64G2366-*****
40.0	50	120	0.5W,0.47MΩ	C64G2406-*****
45.0	50	120	0.5W,0.47MΩ	C64G2456-*****
48.0	50	120	0.5W,0.47MΩ	C64G2486-*****
50.0	50	130	0.5W,0.47MΩ	C64G2506-*****

备注 Note: 1. “-” 表示容量偏差。 “-” =capacitance tolerance code, H=±3%, J=±5%, K=±10%.

2. “*****” 表示内部特征码。 “*****” = Internal use.

3. 其它容量、尺寸系列可按用户需要商定。 Other values and dimensions are available on request.