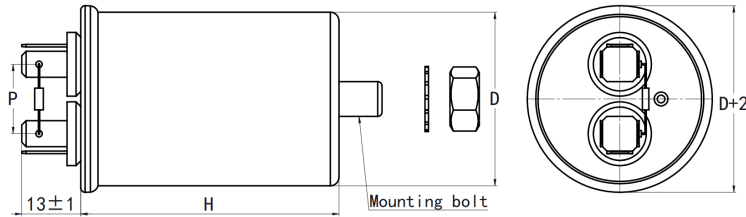


# C6B

## 金属化聚丙烯膜灯具电容器(圆形, 防爆) Metallized polypropylene film capacitor for lamps(Round shape, Anti-explosion)

### ■ 外形图 Outline Drawing



### ■ 特点

与镇流器配套, 主要用于 HID 灯具如高压汞灯、钠灯、金属卤素灯等

电容器的表面温度可达 90°C

电容器内部采用机械防爆结构, 安全可靠

### ■ Features

The capacitors are designed specifically for HID Lighting applications where the capacitors are used as part of the ballast circuit for high-pressure mercury vapor lamps, sodium vapor lamps, and metal halide lamps

The temperature on capacitor surface is admitted to reach 90°C

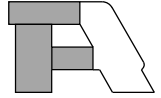
The capacitor is of internal mechanical explosion-proof structure, safe and reliable

### ■ 安全认证 Safety Approvals

●		CQC (中国)	GB/T 18489-2008, type B, 4.0μF~50μF, 540Vac, 50Hz/60Hz, -40°C/90°C 证书号(Certificate No.):CQC11004066550
●		UL (美国/加拿大)	UL810, CSA C22.2 N0.190, max.540Vac, 50Hz/60Hz, "Protected", 10 000AFC, max.90°C 证书号(File No.):E232771, CCN:CYWT2/8

### ■ 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 <sub>n</sub> )	280Vac, 300Vac, 400Vac, 480Vac, 540Vac, 600Vac		
额定频率 Rated Frequency (f <sub>n</sub> )	50Hz/60Hz		
电容量范围 Capacitance Range (C <sub>n</sub> )	4.0μF ~ 100.0μF		
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 <sub>c</sub> ) Rated Max. Temperature (on capacitor surface, t <sub>c</sub> )	90°C		
气候类别 Climatic Category	40/90/21		
电容器类别 Type	Type B (self-healing capacitor)		
外壳类型 Case	Aluminum		
凝露 Condensation	Not permitted		
耐电压(引线之间) Test Voltage Between Terminals	2U <sub>n</sub> , 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	1.1U <sub>n</sub>		
额定电流 Rated Current (I <sub>n</sub> )	$2\pi f_n C_n U_n \times 10^{-6}$ (A)(Unit of C <sub>n</sub> : μF)		
最大工作电流 Max. Operating Current	1.3I <sub>n</sub>		
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3个 Tabs type three AMP250# per side	
	安装形式 Fixed style	底部螺栓 Bottom-bolt	M8×10(D≤50)   M10×12(D=55)   M12×16(D=60)
最大安装扭矩 Max.Torque of Installation	5N·m(M8)		8N·m(M10)   10N·m(M12)



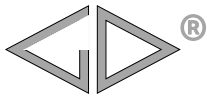
## ■ 产品编码说明 Part number system

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	B												

第 1~3 位	型号代码	Digit 1 to 3	Series code
	C6B		C6B
第 4~5 位	交流额定电压	Digit 4 to 5	AC rated voltage
	P3=280V R1=330V G2=400V		P3=280V R1=330V G2=400V
	S3=480V T1=540V U1=600V		S3=480V T1=540V U1=600V
第 6~8 位	标称容量	Digit 6 to 8	Rated capacitance value
	举例: 505=50×10 <sup>5</sup> pF=5.0μF		for example: 505=50×10 <sup>5</sup> pF=5.0μF
第 9 位	容量偏差	Digit 9	Capacitance tolerance
	H=±3%, J=±5%, K=±10%		H=±3%, J=±5%, K=±10%
第 10~15 位	内部特征码	Digit 10 to 15	Internal use



# C6B

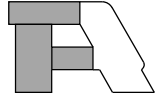
## ■ 外形尺寸 Dimensions(mm)

280Vac							330Vac						
C <sub>n</sub> (μF)	D ±2.0	H ±3.0	P ±1.0	Mounting bolt	Discharge resistor	Part number	C <sub>n</sub> (μF)	D ±2.0	H ±3.0	P ±1.0	Mounting bolt	Discharge resistor	Part number
4	40	60	16	M8 x 10	0.5W, 0.82MΩ	C6BP3405-*****	4	40	60	16	M8 x 10	0.5W, 0.82MΩ	C6BR1405-*****
5	40	60	16	M8 x 10	0.5W, 0.82MΩ	C6BP3505-*****	5	40	60	16	M8 x 10	0.5W, 0.82MΩ	C6BR1505-*****
6	40	60	16	M8 x 10	0.5W, 0.82MΩ	C6BP3605-*****	6	40	60	16	M8 x 10	0.5W, 0.82MΩ	C6BR1605-*****
7	40	60	16	M8 x 10	0.5W, 0.82MΩ	C6BP3705-*****	7	40	60	16	M8 x 10	0.5W, 0.82MΩ	C6BR1705-*****
8	40	60	16	M8 x 10	0.5W, 0.82MΩ	C6BP3805-*****	8	40	60	16	M8 x 10	0.5W, 0.82MΩ	C6BR1805-*****
9	40	60	16	M8 x 10	0.5W, 0.82MΩ	C6BP3905-*****	9	40	60	16	M8 x 10	0.5W, 0.82MΩ	C6BR1905-*****
10	40	60	16	M8 x 10	0.5W, 0.82MΩ	C6BP3106-*****	10	40	60	16	M8 x 10	0.5W, 0.82MΩ	C6BR1106-*****
11	40	60	16	M8 x 10	0.5W, 0.82MΩ	C6BP3116-*****	11	40	60	16	M8 x 10	0.5W, 0.82MΩ	C6BR1116-*****
12	40	60	16	M8 x 10	0.5W, 0.82MΩ	C6BP3126-*****	12	40	60	16	M8 x 10	0.5W, 0.82MΩ	C6BR1126-*****
13	40	60	16	M8 x 10	0.5W, 0.82MΩ	C6BP3136-*****	13	40	60	16	M8 x 10	0.5W, 0.82MΩ	C6BR1136-*****
15	40	60	16	M8 x 10	0.5W, 0.82MΩ	C6BP3156-*****	15	40	60	16	M8 x 10	0.5W, 0.82MΩ	C6BR1156-*****
16	40	60	16	M8 x 10	0.5W, 0.82MΩ	C6BP3166-*****	16	40	60	16	M8 x 10	0.5W, 0.82MΩ	C6BR1166-*****
18	40	60	16	M8 x 10	0.5W, 0.82MΩ	C6BP3186-*****	18	40	75	16	M8 x 10	0.5W, 0.82MΩ	C6BR1186-*****
20	40	60	16	M8 x 10	0.5W, 0.82MΩ	C6BP3206-*****	20	40	75	16	M8 x 10	0.5W, 0.82MΩ	C6BR1206-*****
22	45	60	18	M8 x 10	0.5W, 0.82MΩ	C6BP3226-*****	22	40	75	16	M8 x 10	0.5W, 0.82MΩ	C6BR1226-*****
24	45	60	18	M8 x 10	0.5W, 0.82MΩ	C6BP3246-*****	24	40	75	16	M8 x 10	0.5W, 0.82MΩ	C6BR1246-*****
26	45	60	18	M8 x 10	0.5W, 0.82MΩ	C6BP3266-*****	26	45	75	18	M8 x 10	0.5W, 0.82MΩ	C6BR1266-*****
28	40	75	16	M8 x 10	0.5W, 0.82MΩ	C6BP3286-*****	28	45	75	18	M8 x 10	0.5W, 0.82MΩ	C6BR1286-*****
29	40	75	16	M8 x 10	0.5W, 0.82MΩ	C6BP3296-*****	29	45	75	18	M8 x 10	0.5W, 0.82MΩ	C6BR1296-*****
30	40	75	16	M8 x 10	0.5W, 0.82MΩ	C6BP3306-*****	30	45	75	18	M8 x 10	0.5W, 0.82MΩ	C6BR1306-*****
32	45	75	18	M8 x 10	0.5W, 0.82MΩ	C6BP3326-*****	32	45	75	18	M8 x 10	0.5W, 0.47MΩ	C6BR1326-*****
35	45	75	18	M8 x 10	0.5W, 0.47MΩ	C6BP3356-*****	28	40	100	16	M8 x 10	0.5W, 0.82MΩ	C6BR1286-*****
38	45	75	18	M8 x 10	0.5W, 0.47MΩ	C6BP3386-*****	29	40	100	16	M8 x 10	0.5W, 0.82MΩ	C6BR1296-*****
42	45	75	18	M8 x 10	0.5W, 0.47MΩ	C6BP3426-*****	30	40	100	16	M8 x 10	0.5W, 0.82MΩ	C6BR1306-*****
46	50	75	18	M8 x 10	0.5W, 0.47MΩ	C6BP3466-*****	32	40	100	16	M8 x 10	0.5W, 0.47MΩ	C6BR1326-*****
42	40	100	16	M8 x 10	0.5W, 0.47MΩ	C6BP3426-*****	35	50	75	18	M8 x 10	0.5W, 0.47MΩ	C6BR1356-*****
46	40	100	16	M8 x 10	0.5W, 0.47MΩ	C6BP3466-*****	38	40	100	16	M8 x 10	0.5W, 0.47MΩ	C6BR1386-*****
51	50	75	18	M8 x 10	0.5W, 0.47MΩ	C6BP3516-*****	42	45	100	18	M8 x 10	0.5W, 0.47MΩ	C6BR1426-*****
56	45	100	18	M8 x 10	0.5W, 0.47MΩ	C6BP3566-*****	46	45	100	18	M8 x 10	0.5W, 0.47MΩ	C6BR1466-*****
62	45	100	18	M8 x 10	1.0W, 0.33MΩ	C6BP3626-*****	51	45	100	18	M8 x 10	0.5W, 0.47MΩ	C6BR1516-*****
68	50	100	18	M8 x 10	1.0W, 0.33MΩ	C6BP3686-*****	56	50	100	18	M8 x 10	1.0W, 0.33MΩ	C6BR1566-*****
75	50	100	18	M8 x 10	1.0W, 0.33MΩ	C6BP3756-*****	62	50	100	18	M8 x 10	1.0W, 0.33MΩ	C6BR1626-*****
83	50	100	18	M8 x 10	1.0W, 0.33MΩ	C6BP3836-*****	68	50	125	18	M8 x 10	1.0W, 0.33MΩ	C6BR1686-*****
91	50	125	18	M8 x 10	1.0W, 0.27MΩ	C6BP3916-*****	75	50	125	18	M8 x 10	1.0W, 0.33MΩ	C6BR1756-*****
100	50	125	18	M8 x 10	1.0W, 0.27MΩ	C6BP3107-*****	83	50	125	18	M8 x 10	1.0W, 0.27MΩ	C6BR1836-*****

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.



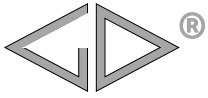
## ■ 外形尺寸 Dimensions(mm)

400Vac							480Vac						
C <sub>n</sub> (μF)	D ±2.0	H ±3.0	P ±1.0	Mounting bolt	Discharge resistor	Part number	C <sub>n</sub> (μF)	D ±2.0	H ±3.0	P ±1.0	Mounting bolt	Discharge resistor	Part number
4	40	60	16	M8 x 10	0.5W, 0.82MΩ	C6BG2405-*****	4	40	60	16	M8 x 10	1.0W, 0.82MΩ	C6BS3405-*****
5	40	60	16	M8 x 10	0.5W, 0.82MΩ	C6BG2505-*****	5	40	60	16	M8 x 10	1.0W, 0.82MΩ	C6BS3505-*****
6	40	60	16	M8 x 10	0.5W, 0.82MΩ	C6BG2605-*****	6	40	60	16	M8 x 10	1.0W, 0.82MΩ	C6BS3605-*****
7	40	60	16	M8 x 10	0.5W, 0.82MΩ	C6BG2705-*****	7	40	60	18	M8 x 10	1.0W, 0.82MΩ	C6BS3705-*****
8	40	60	16	M8 x 10	0.5W, 0.82MΩ	C6BG2805-*****	8	45	60	18	M8 x 10	1.0W, 0.82MΩ	C6BS3805-*****
9	40	60	18	M8 x 10	0.5W, 0.82MΩ	C6BG2905-*****	9	45	60	18	M8 x 10	1.0W, 0.82MΩ	C6BS3905-*****
10	45	60	18	M8 x 10	0.5W, 0.82MΩ	C6BG2106-*****	10	45	60	18	M8 x 10	1.0W, 0.82MΩ	C6BS3106-*****
11	45	60	18	M8 x 10	0.5W, 0.82MΩ	C6BG2116-*****	11	40	75	16	M8 x 10	1.0W, 0.82MΩ	C6BS3116-*****
12	45	60	16	M8 x 10	0.5W, 0.82MΩ	C6BG2126-*****	12	45	75	18	M8 x 10	1.0W, 0.82MΩ	C6BS3126-*****
13	45	60	16	M8 x 10	0.5W, 0.82MΩ	C6BG2136-*****	13	45	75	18	M8 x 10	1.0W, 0.82MΩ	C6BS3136-*****
15	45	75	18	M8 x 10	0.5W, 0.82MΩ	C6BG2156-*****	13	40	100	16	M8 x 10	1.0W, 0.82MΩ	C6BS3136-*****
16	45	75	18	M8 x 10	0.5W, 0.82MΩ	C6BG2166-*****	15	45	75	18	M8 x 10	1.0W, 0.82MΩ	C6BS3156-*****
18	45	75	18	M8 x 10	0.5W, 0.82MΩ	C6BG2186-*****	16	40	100	18	M8 x 10	1.0W, 0.82MΩ	C6BS3166-*****
20	45	75	18	M8 x 10	0.5W, 0.82MΩ	C6BG2206-*****	18	45	100	18	M8 x 10	1.0W, 0.82MΩ	C6BS3186-*****
18	40	100	16	M8 x 10	0.5W, 0.82MΩ	C6BG2186-*****	20	45	100	18	M8 x 10	1.0W, 0.82MΩ	C6BS3206-*****
20	40	100	16	M8 x 10	0.5W, 0.82MΩ	C6BG2206-*****	22	45	100	18	M8 x 10	1.0W, 0.82MΩ	C6BS3226-*****
22	50	75	18	M8 x 10	0.5W, 0.82MΩ	C6BG2226-*****	24	50	100	18	M8 x 10	1.0W, 0.82MΩ	C6BS3246-*****
24	50	75	18	M8 x 10	0.5W, 0.82MΩ	C6BG2246-*****	26	50	100	18	M8 x 10	1.0W, 0.82MΩ	C6BS3266-*****
26	45	100	18	M8 x 10	0.5W, 0.82MΩ	C6BG2266-*****	28	50	100	18	M8 x 10	1.0W, 0.47MΩ	C6BS3286-*****
28	45	100	18	M8 x 10	0.5W, 0.82MΩ	C6BG2286-*****	29	50	100	18	M8 x 10	1.0W, 0.47MΩ	C6BS3296-*****
29	45	100	18	M8 x 10	0.5W, 0.82MΩ	C6BG2296-*****	30	50	100	18	M8 x 10	1.0W, 0.47MΩ	C6BS3306-*****
30	45	100	18	M8 x 10	1.0W, 0.47MΩ	C6BG2306-*****	32	50	125	18	M8 x 10	1.0W, 0.47MΩ	C6BS3326-*****
32	50	100	18	M8 x 10	1.0W, 0.47MΩ	C6BG2326-*****	35	50	125	18	M8 x 10	1.0W, 0.47MΩ	C6BS3356-*****
35	50	100	18	M8 x 10	1.0W, 0.47MΩ	C6BG2356-*****	38	50	125	18	M8 x 10	1.0W, 0.47MΩ	C6BS3386-*****
38	50	100	18	M8 x 10	1.0W, 0.47MΩ	C6BG2386-*****	42	50	125	18	M8 x 10	1.0W, 0.47MΩ	C6BS3426-*****
42	45	125	18	M8 x 10	1.0W, 0.47MΩ	C6BG2426-*****	46	55	130	20	M10 x 12	1.0W, 0.47MΩ	C6BS3466-*****
46	50	125	18	M8 x 10	1.0W, 0.47MΩ	C6BG2466-*****	51	55	130	20	M10 x 12	2.0W, 0.33MΩ	C6BS3516-*****
51	50	125	18	M8 x 10	1.0W, 0.33MΩ	C6BG2516-*****	56	60	130	20	M12 x 16	2.0W, 0.33MΩ	C6BS3566-*****
56	55	130	20	M10 x 12	1.0W, 0.33MΩ	C6BG2566-*****	60	60	130	20	M12 x 16	2.0W, 0.33MΩ	C6BS3606-*****
62	55	130	20	M10 x 12	1.0W, 0.33MΩ	C6BG2626-*****							
68	55	130	20	M10 x 12	1.0W, 0.33MΩ	C6BG2686-*****							

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.



# C6B

## ■ 外形尺寸 Dimensions(mm)

540Vac						
C <sub>n</sub> (μF)	D ±2.0	H ±3.0	P ±1.0	Mounting bolt	Discharge resistor	Part number
4	40	60	16	M8 x 10	1.0W, 0.82MΩ	C6BT1405-*****
5	40	60	16	M8 x 10	1.0W, 0.82MΩ	C6BT1505-*****
6	45	60	18	M8 x 10	1.0W, 0.82MΩ	C6BT1605-*****
7	40	75	16	M8 x 10	1.0W, 0.82MΩ	C6BT1705-*****
8	40	75	16	M8 x 10	1.0W, 0.82MΩ	C6BT1805-*****
9	45	75	18	M8 x 10	1.0W, 0.82MΩ	C6BT1905-*****
10	45	75	18	M8 x 10	1.0W, 0.82MΩ	C6BT1106-*****
11	45	75	18	M8 x 10	1.0W, 0.82MΩ	C6BT1116-*****
10	40	100	16	M8 x 10	1.0W, 0.82MΩ	C6BT1106-*****
11	40	100	16	M8 x 10	1.0W, 0.82MΩ	C6BT1116-*****
12	50	75	18	M8 x 10	1.0W, 0.82MΩ	C6BT1126-*****
13	50	75	18	M8 x 10	1.0W, 0.82MΩ	C6BT1136-*****
15	50	75	18	M8 x 10	1.0W, 0.82MΩ	C6BT1156-*****
16	45	100	18	M8 x 10	1.0W, 0.82MΩ	C6BT1166-*****
18	45	100	18	M8 x 10	1.0W, 0.82MΩ	C6BT1186-*****
20	50	100	18	M8 x 10	1.0W, 0.82MΩ	C6BT1206-*****
22	50	100	18	M8 x 10	1.0W, 0.82MΩ	C6BT1226-*****
24	50	100	18	M8 x 10	1.0W, 0.82MΩ	C6BT1246-*****
26	50	125	18	M8 x 10	2.0W, 0.47MΩ	C6BT1266-*****
28	50	125	18	M8 x 10	2.0W, 0.47MΩ	C6BT1286-*****
29	50	125	18	M8 x 10	2.0W, 0.47MΩ	C6BT1296-*****
30	50	125	18	M8 x 10	2.0W, 0.47MΩ	C6BT1306-*****
30	55	130	20	M10 x 12	2.0W, 0.47MΩ	C6BT1306-*****
32	50	125	18	M8 x 10	2.0W, 0.47MΩ	C6BT1326-*****
35	55	130	20	M10 x 12	2.0W, 0.47MΩ	C6BT1356-*****
38	55	130	20	M10 x 12	2.0W, 0.47MΩ	C6BT1386-*****
40	55	130	20	M10 x 12	2.0W, 0.47MΩ	C6BT1406-*****
46	60	130	20	M12 x 16	2.0W, 0.33MΩ	C6BT1466-*****
51	60	130	20	M12 x 16	2.0W, 0.33MΩ	C6BT1516-*****

600Vac						
C <sub>n</sub> (μF)	D ±2.0	H ±3.0	P ±1.0	Mounting bolt	Discharge resistor	Part number
4	40	60	16	M8 x 10	1.0W, 0.82MΩ	C6BU1405-*****
5	45	60	18	M8 x 10	1.0W, 0.82MΩ	C6BU1505-*****
6	40	75	16	M8 x 10	1.0W, 0.82MΩ	C6BU1605-*****
7	40	75	16	M8 x 10	1.0W, 0.82MΩ	C6BU1705-*****
8	45	75	18	M8 x 10	1.0W, 0.82MΩ	C6BU1805-*****
9	45	75	18	M8 x 10	1.0W, 0.82MΩ	C6BU1905-*****
8	40	100	16	M8 x 10	1.0W, 0.82MΩ	C6BU1805-*****
9	40	100	16	M8 x 10	1.0W, 0.82MΩ	C6BU1905-*****
10	50	75	18	M8 x 10	1.0W, 0.82MΩ	C6BU1106-*****
11	50	75	18	M8 x 10	1.0W, 0.82MΩ	C6BU1116-*****
12	50	75	18	M8 x 10	1.0W, 0.82MΩ	C6BU1126-*****
13	45	100	18	M8 x 10	1.0W, 0.82MΩ	C6BU1136-*****
15	45	100	18	M8 x 10	1.0W, 0.82MΩ	C6BU1156-*****
16	50	100	18	M8 x 10	1.0W, 0.82MΩ	C6BU1166-*****
18	50	100	18	M8 x 10	1.0W, 0.82MΩ	C6BU1186-*****
20	45	125	18	M8 x 10	1.0W, 0.82MΩ	C6BU1206-*****
22	50	125	18	M8 x 10	1.0W, 0.82MΩ	C6BU1226-*****
24	50	125	18	M8 x 10	1.0W, 0.82MΩ	C6BU1246-*****
26	50	125	18	M8 x 10	2.0W, 0.47MΩ	C6BU1266-*****
28	55	130	20	M10 x 12	2.0W, 0.47MΩ	C6BU1286-*****
29	55	130	20	M10 x 12	2.0W, 0.47MΩ	C6BU1296-*****
30	55	130	20	M10 x 12	2.0W, 0.47MΩ	C6BU1306-*****
32	55	130	20	M10 x 12	2.0W, 0.47MΩ	C6BU1326-*****
34	60	130	20	M12 x 16	2.0W, 0.47MΩ	C6BU1346-*****
35	60	130	20	M12 x 16	2.0W, 0.47MΩ	C6BU1356-*****
36	60	130	20	M12 x 16	2.0W, 0.47MΩ	C6BU1366-*****
40	60	130	20	M12 x 16	2.0W, 0.47MΩ	C6BU1406-*****

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.