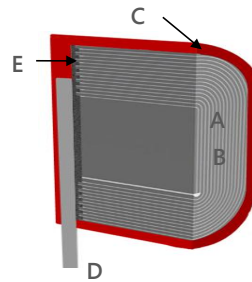


# MPP (CBB21) series 金屬化聚丙烯膜電容器 Metallized Polypropylene Film Capacitor



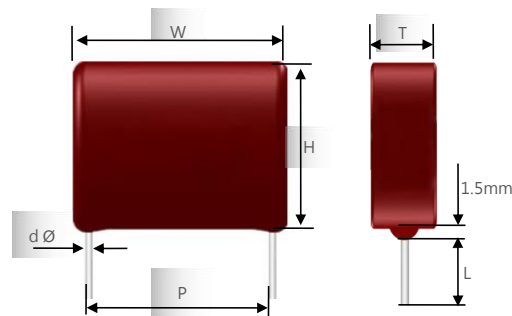
## ■結構圖 Construction



- A 介質: 聚丙烯膜  
Dielectric: Polypropylene Film
- B 電極: 金屬蒸鍍層  
Electrodes: Metal Vapor Coating
- C 封裝: 阻燃環氧樹脂(UL94V-0)  
Epoxy Resin Coating(UL94V-0)
- D 導線: 鍍錫銅包鋼線  
Lead: Tinned Copper Clad Steel Wire
- E 噴焊層  
Spray Layers



## ■尺寸代碼 Dimensions Code



## ■特性 | Feature

金屬化聚丙烯膜  
高容量 / 電容比  
非常低介電吸收  
高頻損耗小・自愈能力強  
阻燃性環氧粉末包封 (UL94 V-0)

Metallized polypropylene film  
High volume/capacitance ratio  
Very low dielectric absorption  
Low loss at high frequency, Self-healing  
Flame retardant epoxy resin powder coating (UL94 V-0)

## ■推薦應用領域 | Typical Application

廣泛用於高頻、直流、交流和脈衝電路中  
適用於要求體積小，性能優異的彩電 S 校正電路  
適用於各種高頻、大電流場合

Widely used in high frequency, DC, AC and pulse circuits  
Providing optimum performance with small size in S-correction circuits for colour TV set  
Suitable for the situation where applies high frequency and high current pulse"

技術要求參照標準 Specification Reference Standard	GB/T 14579 (IEC 60384-17)
氣候類別 Climatic Category	55/105/21
工作溫度範圍 Operation Temperature Range	-55°C~105°C ( +85°C~+105°C : decreasing factor1.25% per°C for U <sub>R</sub> )
額定電壓 Rated Voltage	100 / 250 / 400 / 630 / 1000 VDC
電容量範圍 Capacitance Range	0.001μF~3.3μF
電容量偏差 Capacitance Tolerance	±5%(J), ±10%(K)
耐電壓 Voltage Proof	1.5U <sub>R</sub> , 5sec
絕緣電阻 Insulation Resistance	CR≤0.33μF, IR≥15000MΩ ; CR>0.33μF, IR≥5000 MΩ/CAP(μF)
損耗角正切 Dissipation Factor	0.1% Max, at 1KHz and 20°C

# MPP (CBB21) series 金屬化聚丙烯膜電容器 Metallized Polypropylene Film Capacitor



## ■外型尺寸 Dimensions (mm)

100VDC (63VAC)

容量μF	W	H	T	P	d	產品代碼 Part No.
0.01	10	10	6	7.5	0.6	MPP103#2A-08***+++
0.015	10	11	7	7.5	0.6	MPP153#2A-08***+++
0.018	10	11	7.5	7.5	0.6	MPP183#2A-08***+++
0.022	10	9	5.5	7.5	0.6	MPP223#2A-08***+++
0.027	10	9.5	5.5	7.5	0.6	MPP273#2A-08***+++
0.033	10	10	6	7.5	0.6	MPP333#2A-08***+++
0.039	10	10	6.5	7.5	0.6	MPP393#2A-08***+++
0.047	10	10.5	7	7.5	0.6	MPP473#2A-08***+++
0.056	10	9	5.5	7.5	0.6	MPP563#2A-08***+++
0.068	10	9.5	5.5	7.5	0.6	MPP683#2A-08***+++
0.082	10	10.5	6	7.5	0.6	MPP823#2A-08***+++
0.1	10	10.5	6.5	7.5	0.6	MPP104#2A-08***+++
0.12	10	11	6.5	7.5	0.6	MPP124#2A-08***+++
0.15	13	11	6.5	10	0.6	MPP154#2A-10***+++
0.18	13	12	6.5	10	0.6	MPP184#2A-10***+++
0.22	13	12.5	7	10	0.6	MPP224#2A-10***+++
0.27	13	13	7.5	10	0.6	MPP274#2A-10***+++
0.33	19	12	6.5	15	0.8	MPP334#2A-15***+++
0.39	19	12.5	7	15	0.8	MPP394#2A-15***+++
0.47	19	13	7.5	15	0.8	MPP474#2A-15***+++
0.56	19	13.5	8	15	0.8	MPP564#2A-15***+++
0.68	19	14	9	15	0.8	MPP684#2A-15***+++
0.82	19	15	9.5	15	0.8	MPP824#2A-15***+++
1	24	15.5	8.5	20	0.8	MPP105#2A-20***+++
1.2	24	16	9.5	20	0.8	MPP125#2A-20***+++
1.5	24	17	10.5	20	0.8	MPP155#2A-20***+++
1.8	24	18	11.5	20	0.8	MPP185#2A-20***+++
2	29	17.5	10.5	25	0.8	MPP205#2A-25***+++
2.2	29	18	11	25	0.8	MPP205#2A-25***+++
2.7	29	20	11.5	25	0.8	MPP205#2A-25***+++
3.3	29	21	13	25	0.8	MPP205#2A-25***+++

250VDC (160VAC)

容量μF	W	H	T	P	d	產品代碼 Part No.
0.01	10	10	6	7.5	0.6	MPP103#2E-08***+++
0.015	10	9.5	6	7.5	0.6	MPP153#2E-08***+++
0.018	10	10	6	7.5	0.6	MPP183#2E-08***+++
0.022	10	9	5.5	7.5	0.6	MPP223#2E-08***+++
0.027	10	9.5	5.5	7.5	0.6	MPP273#2E-08***+++
0.033	10	10	6	7.5	0.6	MPP333#2E-08***+++
0.039	10	10	6.5	7.5	0.6	MPP393#2E-08***+++
0.047	10	10.5	7	7.5	0.6	MPP473#2E-08***+++
0.056	13	10	6.5	10	0.6	MPP563#2E-10***+++
0.068	13	10.5	7	10	0.6	MPP683#2E-10***+++
0.082	13	10.5	6	10	0.6	MPP823#2E-10***+++
0.1	13	11	6.5	10	0.6	MPP104#2E-10***+++
0.12	13	11.5	7	10	0.6	MPP124#2E-10***+++
0.15	19	12	7	15	0.8	MPP154#2E-15***+++
0.18	19	13.5	7	15	0.8	MPP184#2E-15***+++
0.22	19	14	7.5	15	0.8	MPP224#2E-15***+++
0.27	19	15	8	15	0.8	MPP274#2E-15***+++
0.33	19	15.5	9	15	0.8	MPP334#2E-15***+++
0.39	24	14.5	8.5	20	0.8	MPP394#2E-20***+++
0.47	24	15	9	20	0.8	MPP474#2E-20***+++
0.56	24	16	10	20	0.8	MPP564#2E-20***+++
0.68	24	17.5	10.5	20	0.8	MPP684#2E-20***+++
0.82	24	18.5	11.5	20	0.8	MPP824#2E-20***+++
1	29	17.5	9	25	0.8	MPP105#2E-25***+++
1.2	29	18	10	25	0.8	MPP105#2E-25***+++
1.5	29	19.5	11	25	0.8	MPP105#2E-25***+++
1.8	29	21.5	11.5	25	0.8	MPP105#2E-25***+++
2	29	22	12	25	0.8	MPP105#2E-25***+++
2.2	29	22.5	12.5	25	0.8	MPP105#2E-25***+++
2.7	29	24	14	25	0.8	MPP105#2E-25***+++
3.3	29	25.5	15.5	25	0.8	MPP105#2E-25***+++

注:# 表容量偏差 ; - 表引線型式 ; \*\*\* 表引線長度及包裝方式 ; +++表內部管理碼

Note: # Capacitance tolerance code ; - Forming lead shapes ; \*\*\* Lead length and packaging ; +++ Internal use

注:本公司更改設計規格不予事先通知, 以上數據僅作選型參考, 以實際規格書為準

Note: Design, specifications are subject to change without notice, the above parameters for reference only, see the approval sheet for details.

注:可依需求製作特殊規格

Note: Special size or items on request.

# MPP (CBB21) series 金屬化聚丙烯膜電容器 Metallized Polypropylene Film Capacitor



## ■外型尺寸 Dimensions (mm)

400VDC (200VAC)

容量μF	W	H	T	P	d	產品代碼 Part No.
0.01	10	10	6	7.5	0.6	MPP103#2G-08***++
0.015	10	11	7	7.5	0.6	MPP153#2G-08***++
0.018	10	11	7.5	7.5	0.6	MPP183#2G-08***++
0.022	10	12	8	7.5	0.6	MPP223#2G-08***++
0.027	13	12	6.5	10	0.6	MPP273#2G-10***++
0.033	13	12	7	10	0.6	MPP333#2G-10***++
0.039	13	12.5	7	10	0.6	MPP393#2G-10***++
0.047	13	13	8	10	0.6	MPP473#2G-10***++
0.056	13	14	8.5	10	0.6	MPP563#2G-10***++
0.068	19	13.5	6.5	15	0.8	MPP683#2G-15***++
0.082	19	13.5	7	15	0.8	MPP823#2G-15***++
0.1	19	14.5	7.5	15	0.8	MPP104#2G-15***++
0.12	19	15	8	15	0.8	MPP124#2G-15***++
0.15	19	15.5	9	15	0.8	MPP154#2G-15***++
0.18	24	15	8	20	0.8	MPP184#2G-20***++
0.22	24	16	8.5	20	0.8	MPP224#2G-20***++
0.27	24	16.5	9.5	20	0.8	MPP274#2G-20***++
0.33	24	17.5	10	20	0.8	MPP334#2G-20***++
0.39	29	17	9.5	25	0.8	MPP394#2G-25***++
0.47	29	18.5	10	25	0.8	MPP474#2G-25***++
0.56	29	19.5	11	25	0.8	MPP564#2G-25***++
0.68	29	19.5	12	25	0.8	MPP684#2G-25***++
0.82	34	20.5	12	30	0.8	MPP824#2G-30***++
1	34	21.5	13	30	0.8	MPP105#2G-30***++

630VDC (220VAC)

容量μF	W	H	T	P	d	產品代碼 Part No.
0.001	10	9	5.5	7.5	0.6	MPP102#2J-08***++
0.0015	10	9	5.5	7.5	0.6	MPP152#2J-08***++
0.0018	10	9	5.5	7.5	0.6	MPP182#2J-08***++
0.0022	10	9	6	7.5	0.6	MPP222#2J-08***++
0.0027	10	9	5	7.5	0.6	MPP272#2J-08***++
0.0033	10	9	5.5	7.5	0.6	MPP332#2J-08***++
0.0039	10	9	5.5	7.5	0.6	MPP392#2J-08***++
0.0047	10	9.5	6	7.5	0.6	MPP472#2J-08***++
0.0056	10	10	6.5	7.5	0.6	MPP562#2J-08***++
0.0068	13	9	5.5	10	0.6	MPP682#2J-10***++

630VDC (220VAC)

容量μF	W	H	T	P	d	產品代碼 Part No.
0.0082	13	9	6	10	0.6	MPP822#2J-10***++
0.01	13	11	6	10	0.6	MPP103#2J-10***++
0.015	13	12	7	10	0.6	MPP153#2J-10***++
0.018	13	13	7.5	10	0.6	MPP183#2J-10***++
0.022	13	13.5	8	10	0.6	MPP223#2J-10***++
0.027	19	12	7	15	0.8	MPP273#2J-15***++
0.033	19	12.5	7.5	15	0.8	MPP333#2J-15***++
0.039	19	13	8	15	0.8	MPP393#2J-15***++
0.047	19	13.5	8.5	15	0.8	MPP473#2J-15***++
0.056	19	15	8.5	15	0.8	MPP563#2J-15***++
0.068	24	14.5	8	20	0.8	MPP683#2J-20***++
0.082	24	15	8.5	20	0.8	MPP823#2J-20***++
0.1	24	16	9	20	0.8	MPP104#2J-20***++
0.15	24	17.5	10.5	20	0.8	MPP154#2J-20***++
0.18	24	19.5	11	20	0.8	MPP184#2J-20***++
0.22	29	19.5	10	25	0.8	MPP224#2J-25***++
0.27	29	20.5	11.5	25	0.8	MPP274#2J-25***++
0.33	29	22	12	25	0.8	MPP334#2J-25***++
0.39	34	20.5	12.5	30	0.8	MPP394#2J-30***++
0.47	34	22	13.5	30	0.8	MPP474#2J-30***++
0.56	34	23	14.5	30	0.8	MPP564#2J-30***++

1000VDC (400VAC)

容量μF	W	H	T	P	d	產品代碼 Part No.
0.001	10	9	5.5	7.5	0.6	MPP102#3A-08***++
0.0015	10	9	5.5	7.5	0.6	MPP152#3A-08***++
0.0018	10	9	5.5	7.5	0.6	MPP182#3A-08***++
0.0022	10	9	6	7.5	0.6	MPP222#3A-08***++
0.0027	10	10	6	7.5	0.6	MPP272#3A-08***++
0.0033	10	10	6.5	7.5	0.6	MPP332#3A-08***++
0.0039	10	10.5	7	7.5	0.6	MPP392#3A-08***++
0.0047	10	11	7.5	7.5	0.6	MPP472#3A-08***++
0.0056	10	11.5	8	7.5	0.6	MPP562#3A-08***++
0.0068	12.5	10.5	7	10	0.8	MPP682#3A-10***++
0.0082	12.5	11	7.5	10	0.8	MPP822#3A-10***++