



环氧粉末包封型金属化聚丙烯膜电容器---CBB21(MPP)系列

Metallized Polypropylene Film Capacitors(Dipped)---CBB21(MPP)series

引用标准 Reference standards

GB10190(IEC384-16)

结构 Structure

介质：聚丙烯膜

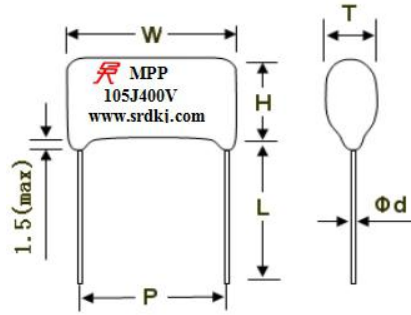
电极：金属真空蒸发层

封装：阻燃粉末环氧树脂，符合 UL94 V-0

Dielectric: Polypropylene film

Electrode: metal vacuum evaporation layer

Encapsulation: Flame retardant power epoxy resin, conforming to UL94 V-0



典型应用 Typical Application

用于开关电源，电子镇流器和变频器等中间电路直流滤波（如 DC filter,DC-link,PFC 等）

As intermediate circuit capacitor for SMPS, LED driver, inverter (i.e. DC filter,DC-link, DC filter and P.F.C)

特点 Features

有良好自愈性能，缩小产品尺寸，高频损耗小，温升低

Reduced size depended on good self-healing property, low dissipation at high frequency, low temperature rise

符合 RoHS 及 REACH 环保标准 Compliance with RoHS & REACH requirements.

电性能规范 Performance Specifications

| | | | | | | | |
|---|---|------|-----|---|-----|-----|-----|
| 气候类别 Climate category | 40/105/56 | | | | | | |
| 额定温度 Rated Temperature | 85°C | | | | | | |
| 工作温度范围 Operating Temperature range | -40°C--+105°C. (+85°C~+105°C): decreasing factor 1.5% per °C for R.V(DC) (+85°C~+105°C): 额定电压降额使用系数 1.5% per °C for R.V(DC) | | | | | | |
| 额定电压 Rated Voltage | 400(450)VDC, 630VDC | | | | | | |
| 容量误差 Capacitance Tolerance | J: ±5% | | | | | | |
| 容量范围 Capacitance Range | 0.001μF~22μF 测试条件 Test Condition: 20°C, 1KHz, 1Vrms | | | | | | |
| 耐电压 Withstand Voltage | 1.6U _R ,5S | | | 无击穿或飞弧 No breakdown or electric arcing | | | |
| 损耗角 Dissipation factor | ≤0.001 (1KHz) | | | 测试条件 Test Condition : 20°C 1Vrms | | | |
| 绝缘电阻或时间常数 Insulation Resistance | C _R ≤0.33μF IR≥30000MΩ C _R >0.33μF IR≥10000S | | | 测试条件 Test Condition : 20°C 100V 1 min | | | |
| 最大脉冲爬升速率 Max. Pulse Rise Time (dV / dt) | U _R (V) | P7.5 | P10 | P15 | P20 | P25 | P31 |
| | 400(450)V | 120 | 80 | 65 | 35 | 20 | 10 |
| | 630V | 150 | 120 | 80 | 60 | 40 | 20 |



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电性能规范 Performance Specifications

| | | |
|--|---|---|
| 稳态湿热 Steady-state Damp-heat Test | 温度 Temp.: 40±2℃ 相对湿度 Humidity: 93%RH 持续时间 Duration Time: 56 Days | 无可见损伤, 标志清晰 no visible damage, clear mark 绝缘电阻 IR: ≥ 额定值的 50% IR: ≥ 50% of Rated value 容量变化 (相对初始值): Capacitance change (relative to the initial value): $\Delta C/C \leq \pm 5\%$ 损耗角增加 Dissipation factor: Rise ≤ 0.0020 (1KHz), $C_R > 1\mu F$ |
| 耐久性试验 Endurance Test | 温度 Temp.: +85℃, 电压 Voltage: 1.25 Times Rated Voltage 持续时间 Duration Time: 1000H | 绝缘电阻 Insulation Resistance IR: ≥ 额定值的 50% IR: ≥ 50% of rated value 损耗角增加: ≤ 0.0040 dissipation factor rise: ≤ 0.0040 容量变化 (相对初始值): $\Delta C/C \leq \pm 10\%$ Capacitance change (relative to the initial value): $\Delta C/C \leq \pm 10\%$ |

产品编码说明 Part No. Description:

18 位产品编码如下:

The Part No. Is total 18 digits, details as follow:

| | | | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|----|----|----|----|----|----|----|----|----|
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 | 16 | 17 | 18 |
| M | P | P | 1 | 0 | 5 | J | 2 | G | 1 | 9 | 0 | 7 | 1 | 4 | 8 | * | * |

- Digit 1-3 型号代码 Product series Code MPP= CBB21 series
- Digit 4-6 标称容量 Rated Capacitance Value For example : 105 = $10 \times 10^5 \mu F = 1.0 \mu F$
- Digit 7 容量偏差 Capacitance Tolerance J=±5%
- Digit 8-9 额定电压 Rated Voltage Code 2G=400VDC 2W=450VDC 2J=630VDC
- Digit 10-15 外形尺寸 Dimensions Code
- Digit 16 线径代码 Line diameter code 6=0.6 8=0.8 1=1.0
- Digit 17-18 成型或内部识别码 Forming Type or Internal Use



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料号明细及尺寸 Part No. List and Dimensions

| U _R :250Vdc | | | | | | | |
|------------------------|--------------|---------------------------------|-------------------|------|------|-------------|--------------|
| 成品编码 Part No. | 系列 Series | 容量 Capacitance (μ F) | 尺寸 Dimension (mm) | | | | |
| | | | Wmax | Tmax | Hmax | P \pm 0.5 | d \pm 0.05 |
| MPP104J2E1303075LC | CBB21 | 0.1 | 13 | 4.5 | 8 | 10 | 0.5 |
| MPP104J2E1304095LC | CBB21 | 0.1 | 13 | 5 | 9.5 | 10 | 0.5 |
| MPP104J2E1305085LC | CBB21 | 0.1 | 13 | 5 | 9 | 10 | 0.5 |
| MPP104J2E1305105LC | CBB21 | 0.1 | 13 | 5.5 | 10.5 | 10 | 0.5 |
| MPP104J2E1005105LC | CBB21 | 0.1 | 10 | 5.5 | 10.5 | 7.5 | 0.5 |
| MPP105J2E1310186LC | CBB21 | 1.0 | 13 | 9.5 | 18 | 10 | 0.6 |
| MPP105J2E1907138LC | CBB21 | 1.0 | 13 | 7.5 | 13.5 | 10 | 0.8 |
| MPP105J2E1907148LC | CBB21 | 1.0 | 18 | 7.5 | 14.5 | 15 | 0.8 |
| MPP105J2E1909168LC | CBB21 | 1.0 | 18 | 9 | 16 | 15 | 0.8 |
| MPP105J2E1910178LC | CBB21 | 1.0 | 18 | 9.5 | 16 | 15 | 0.8 |
| MPP105J2E2408158LC | CBB21 | 1.0 | 23 | 7.5 | 14 | 20 | 0.8 |
| MPP105J2E2410178LC | CBB21 | 1.0 | 23 | 9.5 | 16.5 | 20 | 0.8 |
| MPP124J2E1004095LC | CBB21 | 0.12 | 10 | 5 | 10 | 7.5 | 0.5 |
| MPP124J2E1303075LC | CBB21 | 0.12 | 13 | 4.5 | 8.5 | 10 | 0.5 |
| MPP125J2E1907158LC | CBB21 | 1.2 | 18 | 8 | 16 | 15 | 0.5 |
| MPP153J2E1305105LC | CBB21 | 0.015 | 13 | 6.5 | 11 | 10 | 0.5 |
| MPP154J2E1304085LC | CBB21 | 0.15 | 13 | 4.5 | 9.5 | 10 | 0.5 |
| MPP154J2E1305105LC | CBB21 | 0.15 | 13 | 5.5 | 10.5 | 10 | 0.5 |
| MPP154J2E1307126LC | CBB21 | 0.15 | 13 | 7 | 12 | 10 | 0.6 |
| MPP155J2E1908168LC | CBB21 | 1.5 | 18 | 8.5 | 17 | 15 | 0.8 |
| MPP155J2E2410168LC | CBB21 | 1.5 | 23 | 9.5 | 16 | 20 | 0.8 |
| MPP184J2E1304095LC | CBB21 | 0.18 | 13 | 5 | 10 | 10 | 0.5 |
| MPP184J2E1306116LC | CBB21 | 0.18 | 13 | 6 | 10.5 | 10 | 0.6 |
| MPP185J2E1909178LC | CBB21 | 1.8 | 18 | 9.5 | 18 | 15 | 0.8 |
| MPP205J2E3109168LC | CBB21 | 2.0 | 30 | 9 | 16.5 | 27.5 | 0.8 |
| MPP224J2E1304095LC | CBB21 | 0.22 | 13 | 5.5 | 10.5 | 10 | 0.5 |
| MPP224J2E1305105LC | CBB21 | 0.22 | 13 | 5 | 10 | 10 | 0.5 |
| MPP224J2E1305125LC | CBB21 | 0.22 | 13 | 5.5 | 11.5 | 10 | 0.5 |
| MPP224J2E1306116LC | CBB21 | 0.22 | 13 | 6 | 11 | 10 | 0.6 |
| MPP224J2E1906116LC | CBB21 | 0.22 | 18 | 6.5 | 11.5 | 15 | 0.6 |
| MPP224J2E1907138LC | CBB21 | 0.22 | 18 | 7 | 12.5 | 15 | 0.8 |
| MPP225J2E2411208LC | CBB21 | 2.2 | 23 | 10.5 | 18.5 | 20 | 0.8 |
| MPP255J2E2412208LC | CBB21 | 2.5 | 23 | 12 | 20 | 20 | 0.8 |



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■ 料号明细及尺寸 Part No. List and Dimensions

| U _R :250Vdc | | | | | | | |
|------------------------|--------------|---------------------------------|-------------------|------|------|-------------|--------------|
| 成品编码 Part No. | 系列 Series | 容量 Capacitance (μ F) | 尺寸 Dimension (mm) | | | | |
| | | | Wmax | Tmax | Hmax | P \pm 0.5 | d \pm 0.05 |
| MPP274J2E1005125LC | CBB21 | 0.27 | 10 | 6.5 | 13 | 7.5 | 0.5 |
| MPP275J2E3110188LC | CBB21 | 2.7 | 30 | 9.8 | 17.5 | 27.5 | 0.8 |
| MPP333J2E1305105LC | CBB21 | 0.033 | 13 | 5 | 10 | 10 | 0.5 |
| MPP334J2E1006135LC | CBB21 | 0.33 | 10 | 7 | 14 | 7.5 | 0.5 |
| MPP334J2E1305125LC | CBB21 | 0.33 | 13 | 6 | 12.5 | 10 | 0.5 |
| MPP334J2E1308136LC | CBB21 | 0.33 | 13 | 7 | 12 | 10 | 0.6 |
| MPP334J2E1904096LC | CBB21 | 0.33 | 18 | 5 | 10 | 15 | 0.6 |
| MPP334J2E1906116LC | CBB21 | 0.33 | 18 | 5.5 | 11 | 15 | 0.6 |
| MPP335J2E1912228LC | CBB21 | 3.3 | 18 | 13 | 23 | 15 | 0.8 |
| MPP335J2E2414228LC | CBB21 | 3.3 | 23 | 13 | 21 | 20 | 0.8 |
| MPP393J2E1305105LC | CBB21 | 0.39 | 13 | 5.5 | 10 | 10 | 0.5 |
| MPP394J2E1305125LC | CBB21 | 0.39 | 13 | 6.5 | 13 | 10 | 0.5 |
| MPP394J2E1904096LC | CBB21 | 0.39 | 18 | 5.5 | 10.5 | 15 | 0.6 |
| MPP473J2E1304075LC | CBB21 | 0.047 | 13 | 5 | 8 | 10 | 0.5 |
| MPP473J2E1304095LC | CBB21 | 0.047 | 13 | 5 | 10 | 10 | 0.5 |
| MPP474J2E1308156LC | CBB21 | 0.47 | 13 | 8 | 15 | 10 | 0.6 |
| MPP474J2E1906116LC | CBB21 | 0.47 | 18 | 6.5 | 11.5 | 15 | 0.6 |
| MPP475J2E2915238LC | CBB21 | 4.7 | 28 | 14 | 22.5 | 25 | 0.8 |
| MPP563J2E1304085LC | CBB21 | 0.056 | 13 | 5 | 8.5 | 10 | 0.5 |
| MPP564J2E1306146LC | CBB21 | 0.56 | 13 | 7 | 15.5 | 10 | 0.6 |
| MPP683J2E1305095LC | CBB21 | 0.068 | 13 | 5.5 | 9.5 | 10 | 0.5 |
| MPP684J2E1308166LC | CBB21 | 0.68 | 13 | 8 | 16 | 10 | 0.6 |
| MPP684J2E1905125LC | CBB21 | 0.68 | 13 | 6 | 13.5 | 10 | 0.5 |
| MPP823J2E1304075LC | CBB21 | 0.082 | 13 | 5 | 8 | 10 | 0.5 |
| MPP823J2E1306116LC | CBB21 | 0.082 | 13 | 5.6 | 10.7 | 10 | 0.6 |
| MPP824J2E1309176LC | CBB21 | 0.82 | 13 | 8.5 | 17 | 10 | 0.6 |
| MPP824J2E1906136LC | CBB21 | 0.82 | 18 | 7 | 14 | 15 | 0.6 |



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■ 料号明细及尺寸 Part No. List and Dimensions

| U _R :400Vdc | | | | | | | |
|------------------------|--------------|---------------------------------|-------------------|------|------|-------------|--------------|
| 成品编码 Part No. | 系列 Series | 容量 Capacitance (μ F) | 尺寸 Dimension (mm) | | | | |
| | | | Wmax | Tmax | Hmax | P \pm 0.5 | d \pm 0.05 |
| MPP104J2E1303075LC | CBB21 | 0.1 | 13 | 4.5 | 8 | 10 | 0.5 |
| MPP104J2E1304095LC | CBB21 | 0.1 | 13 | 5 | 9.5 | 10 | 0.5 |
| MPP104J2E1305085LC | CBB21 | 0.1 | 13 | 5 | 9 | 10 | 0.5 |
| MPP104J2E1305105LC | CBB21 | 0.1 | 13 | 5.5 | 10.5 | 10 | 0.5 |
| MPP104J2E1005105LC | CBB21 | 0.1 | 10 | 5.5 | 10.5 | 7.5 | 0.5 |
| MPP105J2E1310186LC | CBB21 | 1.0 | 13 | 9.5 | 18 | 10 | 0.6 |
| MPP105J2E1907138LC | CBB21 | 1.0 | 18 | 7.5 | 13.5 | 15 | 0.8 |
| MPP105J2E1907148LC | CBB21 | 1.0 | 18 | 7.5 | 14.5 | 15 | 0.8 |
| MPP105J2E1909168LC | CBB21 | 1.0 | 18 | 9 | 16 | 15 | 0.8 |
| MPP105J2E1910178LC | CBB21 | 1.0 | 18 | 9.5 | 16 | 15 | 0.8 |
| MPP105J2E2408158LC | CBB21 | 1.0 | 23 | 7.5 | 14 | 20 | 0.8 |
| MPP105J2E2410178LC | CBB21 | 1.0 | 23 | 9.5 | 16.5 | 20 | 0.8 |
| MPP124J2E1004095LC | CBB21 | 0.12 | 10 | 5 | 10 | 7.5 | 0.5 |
| MPP124J2E1303075LC | CBB21 | 0.12 | 13 | 4.5 | 8.5 | 10 | 0.5 |
| MPP125J2E1907158LC | CBB21 | 1.2 | 18 | 8 | 16 | 15 | 0.5 |
| MPP103K2E1004075LC | CBB21 | 0.01 | 10 | 5.5 | 8.5 | 7.5 | 0.5 |
| MPP104K2E1304085LC | CBB21 | 0.1 | 13 | 5.5 | 8.5 | 10 | 0.5 |
| MPP104K2E1305105LC | CBB21 | 0.1 | 13 | 5.5 | 10.5 | 10 | 0.5 |
| MPP104K2E1005105LC | CBB21 | 0.1 | 10 | 5.5 | 10.5 | 7.5 | 0.5 |
| MPP105K2E1910178LC | CBB21 | 1.0 | 18 | 9 | 16 | 15 | 0.8 |
| MPP105K2E2408158LC | CBB21 | 1.0 | 23 | 7.5 | 14 | 20 | 0.8 |
| MPP125K2E1911188LC | CBB21 | 1.2 | 23 | 10.5 | 17 | 20 | 0.8 |
| MPP154K2E1307126LC | CBB21 | 0.15 | 13 | 7 | 12 | 10 | 0.6 |
| MPP154K2E1006115LC | CBB21 | 0.15 | 10 | 6 | 11 | 7.5 | 0.5 |
| MPP205K2E2411198LC | CBB21 | 2.0 | 23 | 10.5 | 18.5 | 20 | 0.8 |
| MPP223K2E1006095LC | CBB21 | 0.022 | 10 | 6 | 10 | 7.5 | 0.5 |
| MPP224K2E1305125LC | CBB21 | 0.22 | 13 | 5 | 11.5 | 10 | 0.5 |
| MPP224K2E1306116LC | CBB21 | 0.22 | 13 | 6 | 11 | 10 | 0.6 |
| MPP224K2E1907128LC | CBB21 | 0.22 | 18 | 7 | 12.5 | 15 | 0.8 |
| MPP225K2E2411208LC | CBB21 | 2.2 | 23 | 10.5 | 18.5 | 20 | 0.8 |
| MPP225K2E2613228LC | CBB21 | 2.2 | 25 | 12 | 22 | 22.5 | 0.8 |
| MPP225K2E2909188LC | CBB21 | 2.2 | 28 | 9 | 18 | 25 | 0.8 |
| MPP473K2E1304095LC | CBB21 | 0.047 | 13 | 5 | 9.5 | 10 | 0.8 |



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Metallized Polypropylene Film Capacitors(Dipped)---CBB21(MPP)series

料号明细及尺寸 Part No. List and Dimensions

| U _R :400Vdc | | | | | | | |
|------------------------|--------------|---------------------------------|-------------------|------|------|-------------|--------------|
| 成品编码 Part No. | 系列 Series | 容量 Capacitance (μ F) | 尺寸 Dimension (mm) | | | | |
| | | | Wmax | Tmax | Hmax | P \pm 0.5 | d \pm 0.05 |
| MPP103J2G1305085LC | CBB21 | 0.01 | 13 | 5.5 | 8.5 | 10.0 | 0.5 |
| MPP103J2G1304075LC | CBB21 | 0.01 | 13 | 4.5 | 8.0 | 10.0 | 0.5 |
| MPP104J2G1004075LC | CBB21 | 0.1 | 10 | 4.5 | 8.0 | 7.5 | 0.5 |
| MPP104J2G1006095LC | CBB21 | 0.1 | 10 | 5.5 | 9.0 | 7.5 | 0.5 |
| MPP104J2G1305085LC | CBB21 | 0.1 | 13 | 5.0 | 9.0 | 10.0 | 0.5 |
| MPP104J2G1305105LC | CBB21 | 0.1 | 13 | 5.5 | 10.5 | 10.0 | 0.5 |
| MPP123J2G1305085LC | CBB21 | 0.012 | 13 | 5.5 | 9.0 | 10.0 | 0.5 |
| MPP124J2G1304075LC | CBB21 | 0.12 | 13 | 5.0 | 8.5 | 10.0 | 0.5 |
| MPP124J2G1305105LC | CBB21 | 0.12 | 13 | 5.5 | 10.5 | 10.0 | 0.5 |
| MPP153J2G1303075LC | CBB21 | 0.015 | 13 | 5.0 | 7.5 | 10.0 | 0.5 |
| MPP154J2G1005085LC | CBB21 | 0.15 | 10 | 6.0 | 9.5 | 7.5 | 0.5 |
| MPP154J2G1305105LC | CBB21 | 0.15 | 13 | 5.0 | 10 | 10.0 | 0.5 |
| MPP183J2G1005095LC | CBB21 | 0.018 | 10 | 6.0 | 9.5 | 7.5 | 0.5 |
| MPP184J2G1305125LC | CBB21 | 0.18 | 13 | 5.0 | 12.0 | 10.0 | 0.5 |
| MPP222J2G1305085LC | CBB21 | 0.0022 | 13 | 5.5 | 9.0 | 10.0 | 0.5 |
| MPP223J2G1304095LC | CBB21 | 0.022 | 13 | 4.5 | 8.5 | 10.0 | 0.5 |
| MPP224J2G1305095LC | CBB21 | 0.22 | 13 | 6.0 | 10.5 | 10.0 | 0.5 |
| MPP224J2G1305145LC | CBB21 | 0.22 | 13 | 5.5 | 13.0 | 10.0 | 0.5 |
| MPP273J2G1305095LC | CBB21 | 0.027 | 13 | 5.5 | 9.0 | 10.0 | 0.5 |
| MPP274J2G1305105LC | CBB21 | 0.27 | 13 | 6.0 | 11.5 | 10.0 | 0.5 |
| MPP332J2G1304075LC | CBB21 | 0.0033 | 13 | 5.0 | 8.0 | 10.0 | 0.5 |
| MPP333J2G1305095LC | CBB21 | 0.033 | 13 | 5.0 | 10.0 | 10.0 | 0.5 |
| MPP334J2G1305115LC | CBB21 | 0.33 | 13 | 6.5 | 11.5 | 10.0 | 0.5 |
| MPP472J2G1304085LC | CBB21 | 0.0047 | 13 | 5.0 | 8.0 | 10.0 | 0.5 |
| MPP472J2G1305085LC | CBB21 | 0.0047 | 13 | 5.0 | 8.0 | 10.0 | 0.5 |
| MPP473J2G1304095LC | CBB21 | 0.047 | 13 | 4.5 | 9.5 | 10.0 | 0.5 |
| MPP473J2G1305105LC | CBB21 | 0.047 | 13 | 5.5 | 10.5 | 10.0 | 0.5 |
| MPP563J2G1304085LC | CBB21 | 0.056 | 13 | 5 | 8.5 | 10.0 | 0.5 |
| MPP682J2G1304075LC | CBB21 | 0.0068 | 13 | 4.5 | 7.0 | 10.0 | 0.5 |
| MPP683J2G1305095LC | CBB21 | 0.068 | 13 | 5.5 | 9.5 | 10.0 | 0.5 |
| MPP683J2G1305105LC | CBB21 | 0.068 | 13 | 5.5 | 10.5 | 10.0 | 0.5 |
| MPP823J2G1305105LC | CBB21 | 0.082 | 13 | 5.5 | 10.5 | 10.0 | 0.5 |
| MPP102K2G1304075LC | CBB21 | 0.001 | 13 | 5.0 | 7.5 | 10.0 | 0.5 |



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料号明细及尺寸 Part No. List and Dimensions

| U _R :400Vdc | | | | | | | |
|------------------------|--------------|---------------------------------|-------------------|------|------|-------------|--------------|
| 成品编码 Part No. | 系列 Series | 容量 Capacitance (μ F) | 尺寸 Dimension (mm) | | | | |
| | | | Wmax | Tmax | Hmax | P \pm 0.5 | d \pm 0.05 |
| MPP103K2G1305085LC | CBB21 | 0.01 | 13 | 5.5 | 8.5 | 10.0 | 0.5 |
| MPP104K2G1305085LC | CBB21 | 0.1 | 13 | 5.5 | 10.5 | 10.0 | 0.5 |
| MPP104K2G1305105LC | CBB21 | 0.1 | 13 | 5.2 | 10.5 | 10.0 | 0.5 |
| MPP104K2G1306126LC | CBB21 | 0.1 | 13 | 5.5 | 10.5 | 10.0 | 0.6 |
| MPP104K2G1907128LC | CBB21 | 0.1 | 18 | 7.0 | 12.0 | 15.0 | 0.8 |
| MPP104K2G1006095LC | CBB21 | 0.1 | 10 | 5.5 | 9.0 | 7.5 | 0.5 |
| MPP105K2G1909178LC | CBB21 | 1.0 | 18 | 9.0 | 15.5 | 15.0 | 0.8 |
| MPP105K2G1910178LC | CBB21 | 1.0 | 18 | 9.5 | 16.0 | 15.0 | 0.8 |
| MPP105K2G2409178LC | CBB21 | 1.0 | 23 | 8.5 | 16.5 | 20.0 | 0.8 |
| MPP154K2G1305105LC | CBB21 | 0.15 | 13 | 5.5 | 10.5 | 10.0 | 0.5 |
| MPP154K2G1307126LC | CBB21 | 0.15 | 13 | 6.5 | 11.5 | 10.0 | 0.6 |
| MPP155K2G2412208LC | CBB21 | 1.5 | 23 | 12.0 | 20.0 | 20.0 | 0.8 |
| MPP205K2G2414228LC | CBB21 | 2.0 | 23 | 13.0 | 22.0 | 20.0 | 0.8 |
| MPP222K2G1305085LC | CBB21 | 0.0022 | 13 | 5.5 | 9.0 | 10.0 | 0.5 |
| MPP224K2G1305125LC | CBB21 | 0.22 | 13 | 5 | 11.5 | 10.0 | 0.5 |
| MPP224K2G1306116LC | CBB21 | 0.22 | 13 | 5.5 | 11.0 | 10.0 | 0.6 |
| MPP224K2G1907138LC | CBB21 | 0.22 | 18 | 7.0 | 12.5 | 15.0 | 0.8 |
| MPP225K2G2414238LC | CBB21 | 2.2 | 23 | 14.0 | 23.0 | 20.0 | 0.8 |
| MPP225K2G3112208LC | CBB21 | 2.2 | 30 | 11.5 | 19.5 | 27.5 | 0.8 |
| MPP305K2G3114238LC | CBB21 | 3.0 | 30 | 13.5 | 23.2 | 27.5 | 0.8 |
| MPP333K2G1305105LC | CBB21 | 0.033 | 13 | 5.0 | 10.0 | 10.0 | 0.5 |
| MPP334K2G1906136LC | CBB21 | 0.33 | 18 | 6.0 | 12.5 | 15.0 | 0.6 |
| MPP334K2G1908158LC | CBB21 | 0.33 | 18 | 8.0 | 15.0 | 15.0 | 0.8 |
| MPP335K2G2912208LC | CBB21 | 3.3 | 28 | 12.5 | 20.0 | 25.0 | 0.8 |
| MPP335K2G3115238LC | CBB21 | 3.3 | 30 | 15.0 | 23.0 | 27.5 | 0.8 |
| MPP472K2G1304085LC | CBB21 | 0.0047 | 13 | 5.0 | 8.0 | 10.0 | 0.5 |
| MPP473K2G1304095LC | CBB21 | 0.047 | 13 | 5.0 | 9.5 | 10.0 | 0.5 |
| MPP473K2G1305105LC | CBB21 | 0.047 | 13 | 5.5 | 10.5 | 10.0 | 0.5 |
| MPP473K2G1005105LC | CBB21 | 0.047 | 10 | 5.5 | 10.5 | 7.5 | 0.5 |
| MPP474K2G1311146LC | CBB21 | 0.47 | 13 | 9.5 | 13.5 | 10.0 | 0.6 |
| MPP474K2G1906136LC | CBB21 | 0.47 | 18 | 6.0 | 12.5 | 15.0 | 0.6 |
| MPP474K2G1908158LC | CBB21 | 0.47 | 18 | 8.0 | 14.5 | 15.0 | 0.8 |
| MPP474K2G1909148LC | CBB21 | 0.47 | 18 | 8.5 | 13.5 | 15.0 | 0.8 |



环氧粉末包封型金属化聚丙烯膜电容器---CBB21(MPP)系列

Metallized Polypropylene Film Capacitors(Dipped)---CBB21(MPP)series

■ 料号明细及尺寸 Part No. List and Dimensions

| U _R :400Vdc | | | | | | | |
|------------------------|--------------|---------------------------|-------------------|------|------|-------|--------|
| 成品编码 Part No. | 系列 Series | 容量 Capacitance (μF) | 尺寸 Dimension (mm) | | | | |
| | | | Wmax | Tmax | Hmax | P±0.5 | d±0.05 |
| MPP475K2G3516248LC | CBB21 | 4.7 | 34 | 15.5 | 24.0 | 31.5 | 0.8 |
| MPP564K2G1910168LC | CBB21 | 0.56 | 18 | 9.0 | 15.5 | 15.0 | 0.8 |
| MPP683K2G1305095LC | CBB21 | 0.068 | 13 | 5.5 | 9.0 | 10.0 | 0.5 |
| MPP683K2G1305105LC | CBB21 | 0.068 | 13 | 5.5 | 10.5 | 10.0 | 0.5 |
| MPP684K2G1908158LC | CBB21 | 0.68 | 18 | 7.5 | 14.0 | 15.0 | 0.8 |
| MPP684K2G1910178LC | CBB21 | 0.68 | 18 | 9.0 | 16.0 | 15.0 | 0.8 |
| MPP684K2G2408158LC | CBB21 | 0.68 | 23 | 7.5 | 15.0 | 20.0 | 0.8 |
| MPP684K2G2412198LC | CBB21 | 0.68 | 23 | 12.0 | 19.0 | 20.0 | 0.8 |
| MPP824K2G2409168LC | CBB21 | 0.82 | 23 | 9.0 | 16.0 | 20.0 | 0.8 |

■ 料号明细及尺寸 Part No. List and Dimensions

| U _R :450Vdc | | | | | | | |
|------------------------|--------------|---------------------------|-------------------|------|------|-------|--------|
| 成品编码 Part No. | 系列 Series | 容量 Capacitance (μF) | 尺寸 Dimension (mm) | | | | |
| | | | Wmax | Tmax | Hmax | P±0.5 | d±0.05 |
| MPP223J2W1006095LC | CBB21 | 0.022 | 10 | 6.0 | 9.5 | 7.5 | 0.5 |
| MPP224J2W1005105LC | CBB21 | 0.22 | 10 | 6.0 | 11.5 | 7.5 | 0.5 |
| MPP224J2W1305125LC | CBB21 | 0.22 | 13 | 6.0 | 12.0 | 10.0 | 0.5 |
| MPP333J2W1305095LC | CBB21 | 0.033 | 13 | 5.5 | 9.0 | 10.0 | 0.5 |
| MPP333J2W1005085LC | CBB21 | 0.033 | 10 | 6.0 | 9.0 | 7.5 | 0.5 |
| MPP473J2W1304095LC | CBB21 | 0.047 | 13 | 5.5 | 10.0 | 10.0 | 0.5 |
| MPP473J2W1305085LC | CBB21 | 0.047 | 13 | 5.5 | 9.0 | 10.0 | 0.5 |
| MPP473J2W1005085LC | CBB21 | 0.047 | 10 | 5.0 | 8.0 | 7.5 | 0.5 |
| MPP473J2W1005105LC | CBB21 | 0.047 | 10 | 6.0 | 10.0 | 7.5 | 0.5 |
| MPP474J2W1305125LC | CBB21 | 0.47 | 13 | 6.0 | 13.0 | 10.0 | 0.5 |
| MPP683J2W1305105LC | CBB21 | 0.068 | 13 | 5.0 | 10.0 | 10.0 | 0.5 |
| MPP683J2W1006095LC | CBB21 | 0.068 | 10 | 6.0 | 9.5 | 7.5 | 0.5 |
| MPP823J2W1304085LC | CBB21 | 0.082 | 13 | 5.5 | 9.5 | 10.0 | 0.5 |
| MPP104K2W1305085LC | CBB21 | 0.1 | 13 | 5.5 | 10.5 | 10.0 | 0.5 |
| MPP104K2W1305105LC | CBB21 | 0.1 | 13 | 5.5 | 10.5 | 10.0 | 0.5 |
| MPP104K2W1306126LC | CBB21 | 0.1 | 13 | 7.0 | 12.5 | 10.0 | 0.6 |
| MPP105K2W1906116LC | CBB21 | 1.0 | 18 | 8.0 | 13.0 | 15.0 | 0.6 |
| MPP105K2W1908128LC | CBB21 | 1.0 | 18 | 9.0 | 13.5 | 15.0 | 0.8 |



环氧粉末包封型金属化聚丙烯膜电容器---CBB21(MPP)系列

Metallized Polypropylene Film Capacitors(Dipped)---CBB21(MPP)series

■料号明细及尺寸 Part No. List and Dimensions

| U _R :450Vdc | | | | | | | |
|------------------------|-----------|---------------------------|-------------------|------|------|-------|--------|
| 成品编码 Part No. | 系列 Series | 容量 Capacitance (μF) | 尺寸 Dimension (mm) | | | | |
| | | | Wmax | Tmax | Hmax | P±0.5 | d±0.05 |
| MPP105K2W1912208LC | CBB21 | 1.0 | 18 | 11.0 | 19.5 | 15.0 | 0.8 |
| MPP105K2W2608178LC | CBB21 | 1.0 | 25 | 9 | 17.5 | 22.5 | 0.8 |
| MPP154K2W1305105LC | CBB21 | 0.15 | 13 | 5 | 10 | 10 | 0.5 |
| MPP154K2W1307126LC | CBB21 | 0.15 | 13 | 6.5 | 11.5 | 10 | 0.6 |
| MPP155K2W1909168LC | CBB21 | 1.5 | 18 | 10.5 | 17 | 15 | 0.8 |
| MPP155K2W1910148LC | CBB21 | 1.5 | 18 | 11.5 | 15 | 15 | 0.8 |
| MPP224K2W1306106LC | CBB21 | 0.22 | 13 | 6 | 10 | 10 | 0.6 |
| MPP333K2W1305105LC | CBB21 | 0.033 | 13 | 5 | 10 | 10 | 0.5 |
| MPP473K2W1304095LC | CBB21 | 0.047 | 13 | 5 | 9 | 10 | 0.5 |
| MPP473K2W1005105LC | CBB21 | 0.047 | 10 | 5 | 9 | 7.5 | 0.5 |
| MPP474K2W1308156LC | CBB21 | 0.47 | 13 | 7.2 | 15 | 10 | 0.6 |

■料号明细及尺寸 Part No. List and Dimensions

| U _R :630Vdc | | | | | | | |
|------------------------|-----------|---------------------------|-------------------|------|------|-------|--------|
| 成品编码 Part No. | 系列 Series | 容量 Capacitance (μF) | 尺寸 Dimension (mm) | | | | |
| | | | Wmax | Tmax | Hmax | P±0.5 | d±0.05 |
| MPP102J2J1304075LC | CBB21 | 0.001 | 13 | 4.5 | 7 | 10 | 0.5 |
| MPP103J2J1304075LC | CBB21 | 0.01 | 13 | 4.5 | 8 | 10 | 0.5 |
| MPP103J2J1304085LC | CBB21 | 0.01 | 13 | 4.5 | 8 | 10 | 0.5 |
| MPP103J2J1304095LC | CBB21 | 0.01 | 13 | 4.5 | 9 | 10 | 0.5 |
| MPP103J2J1305085LC | CBB21 | 0.01 | 13 | 5.5 | 8.5 | 10 | 0.5 |
| MPP104J2J1006115LC | CBB21 | 0.1 | 10 | 6.5 | 11.5 | 7.5 | 0.5 |
| MPP104J2J1304095LC | CBB21 | 0.1 | 13 | 5.5 | 10 | 10 | 0.5 |
| MPP104J2J1305105LC | CBB21 | 0.1 | 13 | 5.5 | 10.5 | 10 | 0.5 |
| MPP104J2J1006115LC | CBB21 | 0.1 | 10 | 6 | 11.5 | 7.5 | 0.5 |
| MPP123J2J1304095LC | CBB21 | 0.012 | 13 | 5.5 | 10.5 | 10 | 0.5 |
| MPP123J2J1305085LC | CBB21 | 0.012 | 13 | 5.5 | 9 | 10 | 0.5 |
| MPP124J2J1304115LC | CBB21 | 0.12 | 13 | 5 | 11.5 | 10 | 0.5 |
| MPP154J2J1006125LC | CBB21 | 0.15 | 10 | 6.5 | 13.5 | 7.5 | 0.5 |
| MPP184J2J1305125LC | CBB21 | 0.18 | 13 | 6 | 12.5 | 10 | 0.5 |
| MPP222J2J1305085LC | CBB21 | 0.0022 | 13 | 5.5 | 9 | 10 | 0.5 |
| MPP223J2J1304095LC | CBB21 | 0.022 | 13 | 4.5 | 8.5 | 10 | 0.5 |
| MPP223J2J1305085LC | CBB21 | 0.022 | 13 | 5 | 8 | 10 | 0.5 |



环氧粉末包封型金属化聚丙烯膜电容器---CBB21(MPP)系列

Metallized Polypropylene Film Capacitors(Dipped)---CBB21(MPP)series

■料号明细及尺寸 Part No. List and Dimensions

| U _R :630Vdc | | | | | | | |
|------------------------|--------------|---------------------------------|-------------------|------|------|-------------|--------------|
| 成品编码 Part No. | 系列 Series | 容量 Capacitance (μ F) | 尺寸 Dimension (mm) | | | | |
| | | | Wmax | Tmax | Hmax | P \pm 0.5 | d \pm 0.05 |
| MPP224J2J1305135LC | CBB21 | 0.22 | 13 | 6 | 14.5 | 10 | 0.5 |
| MPP333J2J1304085LC | CBB21 | 0.033 | 13 | 5 | 8.5 | 10 | 0.5 |
| MPP333J2J1305105LC | CBB21 | 0.033 | 13 | 5 | 10 | 10 | 0.5 |
| MPP333J2J1004075LC | CBB21 | 0.033 | 10 | 6 | 9 | 7.5 | 0.5 |
| MPP472J2J1305085LC | CBB21 | 0.0047 | 13 | 5 | 8 | 10 | 0.5 |
| MPP472J2J1004075LC | CBB21 | 0.0047 | 10 | 5.5 | 8.5 | 7.5 | 0.5 |
| MPP473J2J1304095LC | CBB21 | 0.047 | 13 | 4 | 8 | 10 | 0.5 |
| MPP473J2J1305105LC | CBB21 | 0.047 | 13 | 5 | 10 | 10 | 0.5 |
| MPP473J2J1004085LC | CBB21 | 0.047 | 10 | 4.5 | 10 | 7.5 | 0.5 |
| MPP562J2J1304075LC | CBB21 | 0.0056 | 13 | 4.5 | 9 | 10 | 0.5 |
| MPP563J2J1303075LC | CBB21 | 0.056 | 13 | 4.5 | 8 | 10 | 0.5 |
| MPP682J2J1304075LC | CBB21 | 0.0068 | 13 | 4.5 | 7 | 10 | 0.5 |
| MPP683J2J1304075LC | CBB21 | 0.068 | 13 | 5 | 8.5 | 10 | 0.5 |
| MPP683J2J1305105LC | CBB21 | 0.068 | 13 | 5.5 | 10.5 | 10 | 0.5 |
| MPP822J2J1304075LC | CBB21 | 0.0082 | 13 | 5 | 8 | 10 | 0.5 |
| MPP823J2J1304075LC | CBB21 | 0.082 | 13 | 5 | 8.5 | 10 | 0.5 |
| MPP103K2J1304075LC | CBB21 | 0.01 | 13 | 4.5 | 8 | 10 | 0.5 |
| MPP103K2J1305085LC | CBB21 | 0.01 | 13 | 5.5 | 8.5 | 10 | 0.5 |
| MPP103K2J1306106LC | CBB21 | 0.01 | 13 | 6.5 | 10.5 | 10 | 0.6 |
| MPP104K2J1306126LC | CBB21 | 0.1 | 13 | 6.5 | 11.5 | 10 | 0.6 |
| MPP104K2J1307146LC | CBB21 | 0.1 | 13 | 6.5 | 14 | 10 | 0.6 |
| MPP104K2J1308136LC | CBB21 | 0.1 | 13 | 7.5 | 12.5 | 10 | 0.6 |
| MPP104K2J1906136LC | CBB21 | 0.1 | 18 | 7 | 12 | 15 | 0.6 |
| MPP104K2J1907128LC | CBB21 | 0.1 | 18 | 7 | 12 | 15 | 0.8 |
| MPP105K2J2411208LC | CBB21 | 1.0 | 23 | 11 | 20 | 20 | 0.8 |
| MPP105K2J3111208LC | CBB21 | 1.0 | 30 | 11 | 20 | 27.5 | 0.8 |
| MPP154K2J1307136LC | CBB21 | 0.15 | 13 | 7 | 12 | 10 | 0.6 |
| MPP154K2J1308146LC | CBB21 | 0.15 | 13 | 7 | 13.5 | 10 | 0.6 |
| MPP205K2J3116248LC | CBB21 | 2.0 | 30 | 16.5 | 25 | 27.5 | 0.8 |
| MPP222K2J1305085LC | CBB21 | 0.0022 | 13 | 5.5 | 9 | 10 | 0.5 |
| MPP223K2J1304095LC | CBB21 | 0.022 | 13 | 4.5 | 8.5 | 10 | 0.5 |
| MPP224K2J1307136LC | CBB21 | 0.22 | 13 | 7.5 | 14 | 10 | 0.6 |
| MPP224K2J1908158LC | CBB21 | 0.22 | 18 | 8 | 14.5 | 15 | 0.8 |



环氧粉末包封型金属化聚丙烯膜电容器---CBB21(MPP)系列
Metallized Polypropylene Film Capacitors(Dipped)---CBB21(MPP)series

■料号明细及尺寸 Part No. List and Dimensions

| U _R :630Vdc | | | | | | | |
|------------------------|--------------|---------------------------------|-------------------|------|------|-------------|--------------|
| 成品编码 Part No. | 系列 Series | 容量 Capacitance (μ F) | 尺寸 Dimension (mm) | | | | |
| | | | Wmax | Tmax | Hmax | P \pm 0.5 | d \pm 0.05 |
| MPP224K2J1909148LC | CBB21 | 0.22 | 18 | 8.5 | 13.5 | 15 | 0.8 |
| MPP225K2J3115238LC | CBB21 | 2.2 | 30 | 13.5 | 22.5 | 27.5 | 0.8 |
| MPP225K2J3518268LC | CBB21 | 2.2 | 34 | 18 | 26 | 31.5 | 0.8 |
| MPP333K2J1305105LC | CBB21 | 0.033 | 13 | 5 | 10 | 10 | 0.5 |
| MPP334K2J1908158LC | CBB21 | 0.33 | 18 | 8 | 15 | 15 | 0.8 |
| MPP334K2J1910158LC | CBB21 | 0.33 | 18 | 10.5 | 16 | 15 | 0.8 |
| MPP334K2J1911178LC | CBB21 | 0.33 | 18 | 10 | 16.5 | 15 | 0.8 |
| MPP334K2J2409168LC | CBB21 | 0.33 | 23 | 9.5 | 16 | 20 | 0.8 |
| MPP473K2J1005105LC | CBB21 | 0.047 | 10 | 6 | 10 | 7.5 | 0.5 |
| MPP473K2J1305085LC | CBB21 | 0.047 | 13 | 5 | 8.5 | 10 | 0.5 |
| MPP473K2J1005105LC | CBB21 | 0.047 | 10 | 6 | 10 | 7.5 | 0.5 |
| MPP474K2J1908158LC | CBB21 | 0.47 | 18 | 8 | 15 | 15 | 0.8 |

■料号明细及尺寸 Part No. List and Dimensions

| U _R :1000Vdc | | | | | | | |
|-------------------------|--------------|---------------------------------|-------------------|------|------|-------------|--------------|
| 成品编码 Part No. | 系列 Series | 容量 Capacitance (μ F) | 尺寸 Dimension (mm) | | | | |
| | | | Wmax | Tmax | Hmax | P \pm 0.5 | d \pm 0.05 |
| MPP104J3A1907138LC | CBB21 | 0.1 | 18 | 8 | 12.5 | 15 | 0.8 |
| MPP104J3A1908138LC | CBB21 | 0.1 | 18 | 7.5 | 13 | 15 | 0.8 |
| MPP154J3A1908138LC | CBB21 | 0.15 | 18 | 8 | 13 | 15 | 0.8 |
| MPP224J3A1909168LC | CBB21 | 0.22 | 18 | 8.5 | 16 | 15 | 0.8 |
| MPP332J3A1306096LC | CBB21 | 0.0033 | 13 | 6.5 | 10.5 | 10 | 0.6 |

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