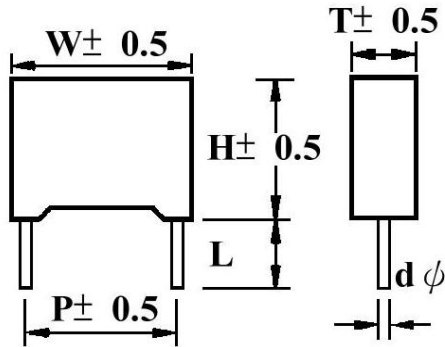


## 金屬化聚丙烯膜電容器 (盒裝型) SMPC series

### ■ 外觀圖 Outline Drawing



### ■ 主要用途:

廣泛用於高頻·直流·交流和脈衝電路中  
適用於各種高頻·大電流場合

### ■ 特點:

金屬化聚丙烯膜, 無感捲繞結構

高頻損耗小

內部溫升小

塑膠外殼, 阻燃環氧樹脂填充

### ■ Typical Applications

Widely used in high frequency, DC, AC and pulse circuits  
Suitable for the situation where applies high frequency and high current pulse.

### ■ Features

Metalized polypropylene film,  
non-inductive wound construction  
Low loss at high frequency  
Small inherent temperature rise  
Plastic case (UL94v-0), Epoxy resin sealing.

### ■ 技術要求 Specifications

|                                       |                                                                          |                                        |
|---------------------------------------|--------------------------------------------------------------------------|----------------------------------------|
| 引用標準 Reference Standard               | GB/T 10190 (IEC 60384-16)                                                |                                        |
| 氣候類別 Climatic Category                | 55/105/56                                                                |                                        |
| 工作溫度範圍<br>Operating Temperature Range | -40°C~+105°C<br>(+85°C to +105°C: decreasing factor 1.25% per °C for UR) |                                        |
| 電容量範圍 Capacitance Range               | 0.00056uF ~ 15μF                                                         |                                        |
| 額定電壓 Rated (DC) Voltage               | 160V , 250V , 400V , 630V , 1000V , 1600V , 2000Vdc                      |                                        |
| 額定電壓 Rated (AC) Voltage               | 90V , 160V , 220V , 250V , 400V , 600Vac                                 |                                        |
| 電容偏差 Capacitance Tolerance            | ±5%(J) 、 ±10%(K)                                                         |                                        |
| 承受電壓 Voltage Proof                    | 1.5UR (5s)                                                               |                                        |
| 損耗角 Dissipation Factor                | ≤ 0.1% (20°C, 1kHz)                                                      |                                        |
| 絕緣電阻<br>Insulation Resistance         | UR ≤                                                                     | $C_R \leq 0.33\mu F$ IR ≥ 15,000MΩ     |
|                                       | 100V                                                                     | $C_R > 0.33\mu F$ IR ≥ 5,000MΩ/Cap(μF) |

Metallized Polypropylene Film Capacitor  
 金屬化聚丙烯膜電容器 (盒裝型) SMPC series



■ 外型尺寸表 Dimensions (mm)

| 160Vdc (90Vac) |      |      |     |     |     |                     |
|----------------|------|------|-----|-----|-----|---------------------|
| 容量<br>μF       | W    | H    | T   | P   | d   | 產品代碼<br>Part number |
| 0.027          | 7.2  | 7.5  | 3.5 | 5   | 0.5 | SMPC_273*0160D*05** |
| 0.033          | 7.2  | 7.5  | 3.5 | 5   | 0.5 | SMPC_333*0160D*05** |
| 0.039          | 7.2  | 7.5  | 3.5 | 5   | 0.5 | SMPC_393*0160D*05** |
| 0.047          | 7.2  | 9.5  | 4.5 | 5   | 0.5 | SMPC_473*0160D*05** |
| 0.056          | 7.2  | 9.5  | 4.5 | 5   | 0.5 | SMPC_563*0160D*05** |
| 0.068          | 7.2  | 9.5  | 4.5 | 5   | 0.5 | SMPC_683*0160D*05** |
| 0.082          | 7.2  | 10   | 5   | 5   | 0.5 | SMPC_823*0160D*05** |
| 0.1            | 7.2  | 10   | 5   | 5   | 0.5 | SMPC_104*0160D*05** |
| 0.12           | 7.2  | 11   | 6   | 5   | 0.5 | SMPC_124*0160D*05** |
| 0.15           | 7.2  | 11   | 6   | 5   | 0.5 | SMPC_154*0160D*05** |
| 0.068          | 10.5 | 9    | 4   | 7.5 | 0.6 | SMPC_683*0160D*08** |
| 0.082          | 10.5 | 9    | 4   | 7.5 | 0.6 | SMPC_823*0160D*08** |
| 0.1            | 10.5 | 11   | 5   | 7.5 | 0.6 | SMPC_104*0160D*08** |
| 0.12           | 10.5 | 11   | 5   | 7.5 | 0.6 | SMPC_124*0160D*08** |
| 0.15           | 10.5 | 12   | 6   | 7.5 | 0.6 | SMPC_154*0160D*08** |
| 0.18           | 10.5 | 12   | 6   | 7.5 | 0.6 | SMPC_184*0160D*08** |
| 0.082          | 13   | 9    | 4   | 10  | 0.6 | SMPC_823*0160D*10** |
| 0.1            | 13   | 9    | 4   | 10  | 0.6 | SMPC_104*0160D*10** |
| 0.12           | 13   | 11   | 5   | 10  | 0.6 | SMPC_124*0160D*10** |
| 0.15           | 13   | 11   | 5   | 10  | 0.6 | SMPC_154*0160D*10** |
| 0.18           | 13   | 11   | 5   | 10  | 0.6 | SMPC_184*0160D*10** |
| 0.22           | 13   | 12   | 6   | 10  | 0.6 | SMPC_224*0160D*10** |
| 0.27           | 13   | 12   | 6   | 10  | 0.6 | SMPC_274*0160D*10** |
| 0.18           | 18   | 11   | 5   | 15  | 0.8 | SMPC_184*0160D*15** |
| 0.22           | 18   | 11   | 5   | 15  | 0.8 | SMPC_224*0160D*15** |
| 0.27           | 18   | 11   | 5   | 15  | 0.8 | SMPC_274*0160D*15** |
| 0.33           | 18   | 11   | 5   | 15  | 0.8 | SMPC_334*0160D*15** |
| 0.39           | 18   | 12   | 6   | 15  | 0.8 | SMPC_394*0160D*15** |
| 0.47           | 18   | 12   | 6   | 15  | 0.8 | SMPC_474*0160D*15** |
| 0.56           | 18   | 13.5 | 7.5 | 15  | 0.8 | SMPC_564*0160D*15** |
| 0.68           | 18   | 13.5 | 7.5 | 15  | 0.8 | SMPC_684*0160D*15** |

| 160Vdc (90Vac) |      |      |     |      |     |                     |
|----------------|------|------|-----|------|-----|---------------------|
| 容量<br>μF       | W    | H    | T   | P    | d   | 產品代碼<br>Part number |
| 0.82           | 18   | 14.5 | 8.5 | 15   | 0.8 | SMPC_824*0160D*15** |
| 1.0            | 18   | 15.5 | 9.5 | 15   | 0.8 | SMPC_105*0160D*15** |
| 1.2            | 18   | 15.5 | 9.5 | 15   | 0.8 | SMPC_125*0160D*15** |
| 1.5            | 18   | 19   | 11  | 15   | 0.8 | SMPC_155*0160D*15** |
| 1.8            | 18   | 19   | 11  | 15   | 0.8 | SMPC_185*0160D*15** |
| 0.47           | 25.5 | 15   | 6   | 22.5 | 0.8 | SMPC_474*0160D*23** |
| 0.56           | 25.5 | 15   | 6   | 22.5 | 0.8 | SMPC_564*0160D*23** |
| 0.68           | 25.5 | 15   | 6   | 22.5 | 0.8 | SMPC_684*0160D*23** |
| 0.82           | 25.5 | 16   | 7   | 22.5 | 0.8 | SMPC_824*0160D*23** |
| 1.0            | 25.5 | 16   | 7   | 22.5 | 0.8 | SMPC_105*0160D*23** |
| 1.2            | 25.5 | 17   | 8.5 | 22.5 | 0.8 | SMPC_125*0160D*23** |
| 1.5            | 25.5 | 17   | 8.5 | 22.5 | 0.8 | SMPC_155*0160D*23** |
| 1.8            | 25.5 | 18.5 | 10  | 22.5 | 0.8 | SMPC_185*0160D*23** |
| 2.2            | 25.5 | 20   | 11  | 22.5 | 0.8 | SMPC_225*0160D*23** |
| 2.7            | 25.5 | 22   | 12  | 22.5 | 0.8 | SMPC_275*0160D*23** |
| 3.3            | 25.5 | 22   | 12  | 22.5 | 0.8 | SMPC_335*0160D*23** |
| 1.0            | 25.5 | 18   | 9   | 22.5 | 0.8 | SMPC_105*0160D*23** |
| 1.2            | 25.5 | 18   | 9   | 22.5 | 0.8 | SMPC_125*0160D*23** |
| 1.5            | 25.5 | 18   | 9   | 22.5 | 0.8 | SMPC_155*0160D*23** |
| 1.8            | 25.5 | 18   | 9   | 22.5 | 0.8 | SMPC_185*0160D*23** |
| 2.2            | 25.5 | 18   | 9   | 22.5 | 0.8 | SMPC_225*0160D*23** |
| 2.7            | 25.5 | 20   | 11  | 22.5 | 0.8 | SMPC_275*0160D*23** |
| 3.3            | 25.5 | 20   | 11  | 22.5 | 0.8 | SMPC_335*0160D*23** |
| 3.9            | 32   | 22   | 13  | 27.5 | 0.8 | SMPC_395*0160D*28** |
| 4.7            | 32   | 28   | 14  | 27.5 | 0.8 | SMPC_475*0160D*28** |
| 5.6            | 32   | 24.5 | 15  | 27.5 | 0.8 | SMPC_565*0160D*28** |
| 6.8            | 32   | 33   | 18  | 27.5 | 0.8 | SMPC_685*0160D*28** |
| 8.2            | 32   | 33   | 18  | 27.5 | 0.8 | SMPC_825*0160D*28** |
| 10             | 32   | 33   | 18  | 27.5 | 0.8 | SMPC_106*0160D*28** |
| 12             | 32   | 37   | 22  | 27.5 | 0.8 | SMPC_126*0160D*28** |
| 15             | 32   | 37   | 22  | 27.5 | 0.8 | SMPC_156*0160D*28** |

Metallized Polypropylene Film Capacitor  
 金屬化聚丙烯膜電容器 (盒裝型) SMPC series



■ 外型尺寸表 Dimensions (mm)

| 250Vdc (160Vac) |      |     |     |     |     |                     |
|-----------------|------|-----|-----|-----|-----|---------------------|
| 容量<br>μF        | W    | H   | T   | P   | d   | 產品代碼<br>Part number |
| 0.012           | 7.2  | 7.5 | 3.5 | 5   | 0.5 | SMPC_123*0250D*05** |
| 0.015           | 7.2  | 7.5 | 3.5 | 5   | 0.5 | SMPC_153*0250D*05** |
| 0.022           | 7.2  | 7.5 | 3.5 | 5   | 0.5 | SMPC_223*0250D*05** |
| 0.027           | 7.2  | 7.5 | 3.5 | 5   | 0.5 | SMPC_273*0250D*05** |
| 0.033           | 7.2  | 7.5 | 3.5 | 5   | 0.5 | SMPC_333*0250D*05** |
| 0.047           | 7.2  | 9.5 | 4.5 | 5   | 0.5 | SMPC_473*0250D*05** |
| 0.068           | 7.2  | 10  | 5   | 5   | 0.5 | SMPC_683*0250D*05** |
| 0.082           | 7.2  | 10  | 5   | 5   | 0.5 | SMPC_823*0250D*05** |
| 0.1             | 7.2  | 11  | 6   | 5   | 0.5 | SMPC_104*0250D*05** |
| 0.12            | 7.2  | 11  | 6   | 5   | 0.5 | SMPC_124*0250D*05** |
| 0.027           | 10.5 | 9   | 4   | 7.5 | 0.6 | SMPC_123*0250D*08** |
| 0.033           | 10.5 | 9   | 4   | 7.5 | 0.6 | SMPC_333*0250D*08** |
| 0.047           | 10.5 | 9   | 4   | 7.5 | 0.6 | SMPC_473*0250D*08** |
| 0.068           | 10.5 | 9   | 4   | 7.5 | 0.6 | SMPC_683*0250D*08** |
| 0.082           | 10.5 | 11  | 5   | 7.5 | 0.6 | SMPC_823*0250D*08** |
| 0.1             | 10.5 | 11  | 5   | 7.5 | 0.6 | SMPC_104*0250D*08** |
| 0.12            | 10.5 | 11  | 5   | 7.5 | 0.6 | SMPC_124*0250D*08** |
| 0.15            | 10.5 | 12  | 6   | 7.5 | 0.6 | SMPC_154*0250D*08** |
| 0.18            | 10.5 | 12  | 6   | 7.5 | 0.6 | SMPC_184*0250D*08** |
| 0.033           | 13   | 9   | 4   | 10  | 0.6 | SMPC_333*0250D*10** |
| 0.047           | 13   | 9   | 4   | 10  | 0.6 | SMPC_473*0250D*10** |
| 0.068           | 13   | 9   | 4   | 10  | 0.6 | SMPC_683*0250D*10** |
| 0.082           | 13   | 9   | 4   | 10  | 0.6 | SMPC_823*0250D*10** |
| 0.1             | 13   | 11  | 5   | 10  | 0.6 | SMPC_104*0250D*10** |
| 0.12            | 13   | 11  | 5   | 10  | 0.6 | SMPC_124*0250D*10** |
| 0.15            | 13   | 11  | 5   | 10  | 0.6 | SMPC_154*0250D*10** |
| 0.18            | 13   | 12  | 6   | 10  | 0.6 | SMPC_184*0250D*10** |
| 0.22            | 13   | 12  | 6   | 10  | 0.6 | SMPC_224*0250D*10** |
| 0.1             | 18   | 11  | 5   | 15  | 0.8 | SMPC_104*0250D*15** |
| 0.12            | 18   | 11  | 5   | 15  | 0.8 | SMPC_124*0250D*15** |
| 0.15            | 18   | 11  | 5   | 15  | 0.8 | SMPC_154*0250D*15** |

| 250Vdc (160Vac) |      |      |     |      |     |                     |
|-----------------|------|------|-----|------|-----|---------------------|
| 容量<br>μF        | W    | H    | T   | P    | d   | 產品代碼<br>Part number |
| 0.18            | 18   | 11   | 5   | 15   | 0.8 | SMPC_184*0250D*15** |
| 0.22            | 18   | 11   | 5   | 15   | 0.8 | SMPC_224*0250D*15** |
| 0.27            | 18   | 12   | 6   | 15   | 0.8 | SMPC_274*0250D*15** |
| 0.33            | 18   | 12   | 6   | 15   | 0.8 | SMPC_334*0250D*15** |
| 0.47            | 18   | 13.5 | 7.5 | 15   | 0.8 | SMPC_474*0250D*15** |
| 0.68            | 18   | 14.5 | 8.5 | 15   | 0.8 | SMPC_684*0250D*15** |
| 0.82            | 18   | 15.5 | 9.5 | 15   | 0.8 | SMPC_824*0250D*15** |
| 1.0             | 18   | 15.5 | 9.5 | 15   | 0.8 | SMPC_105*0250D*15** |
| 1.2             | 18   | 19   | 11  | 15   | 0.8 | SMPC_125*0250D*15** |
| 0.47            | 26.5 | 15   | 6   | 22.5 | 0.8 | SMPC_474*0250D*23** |
| 0.68            | 26.5 | 15   | 6   | 22.5 | 0.8 | SMPC_684*0250D*23** |
| 0.82            | 26.5 | 15   | 6   | 22.5 | 0.8 | SMPC_824*0250D*23** |
| 1.0             | 26.5 | 16   | 7   | 22.5 | 0.8 | SMPC_105*0250D*23** |
| 1.2             | 26.5 | 17   | 8.5 | 22.5 | 0.8 | SMPC_125*0250D*23** |
| 1.5             | 26.5 | 17   | 8.5 | 22.5 | 0.8 | SMPC_155*0250D*23** |
| 1.8             | 26.5 | 18.5 | 10  | 22.5 | 0.8 | SMPC_185*0250D*23** |
| 2.2             | 26.5 | 20   | 11  | 22.5 | 0.8 | SMPC_225*0250D*23** |
| 2.7             | 26.5 | 22   | 12  | 22.5 | 0.8 | SMPC_275*0250D*23** |
| 0.82            | 32   | 18   | 9   | 27.5 | 0.8 | SMPC_824*0250D*28** |
| 1.0             | 32   | 18   | 9   | 27.5 | 0.8 | SMPC_105*0250D*28** |
| 1.5             | 32   | 18   | 9   | 27.5 | 0.8 | SMPC_155*0250D*28** |
| 2.2             | 32   | 18   | 9   | 27.5 | 0.8 | SMPC_225*0250D*28** |
| 2.7             | 32   | 20   | 11  | 27.5 | 0.8 | SMPC_275*0250D*28** |
| 3.3             | 32   | 20   | 11  | 27.5 | 0.8 | SMPC_335*0250D*28** |
| 3.9             | 32   | 22   | 13  | 27.5 | 0.8 | SMPC_395*0250D*28** |
| 4.7             | 32   | 28   | 14  | 27.5 | 0.8 | SMPC_475*0250D*28** |
| 5.6             | 32   | 24.5 | 15  | 27.5 | 0.8 | SMPC_565*0250D*28** |
| 6.8             | 32   | 33   | 18  | 27.5 | 0.8 | SMPC_685*0250D*28** |
| 8.2             | 32   | 33   | 18  | 27.5 | 0.8 | SMPC_825*0250D*28** |
| 10              | 32   | 33   | 18  | 27.5 | 0.8 | SMPC_106*0250D*28** |
| 15              | 32   | 37   | 22  | 27.5 | 0.8 | SMPC_156*0250D*28** |

Metallized Polypropylene Film Capacitor  
 金屬化聚丙烯膜電容器 (盒裝型) SMPC series



■ 外型尺寸表 Dimensions (mm)

| 400Vdc (220Vac) |      |     |     |     |     |                     |
|-----------------|------|-----|-----|-----|-----|---------------------|
| 容量<br>μF        | W    | H   | T   | P   | d   | 產品代碼<br>Part number |
| 0.0039          | 7.2  | 7.5 | 3.5 | 5   | 0.5 | SMPC_392_0400D*05** |
| 0.0047          | 7.2  | 7.5 | 3.5 | 5   | 0.5 | SMPC_472_0400D*05** |
| 0.0068          | 7.2  | 7.5 | 3.5 | 5   | 0.5 | SMPC_682_0400D*05** |
| 0.01            | 7.2  | 7.5 | 3.5 | 5   | 0.5 | SMPC_103_0400D*05** |
| 0.012           | 7.2  | 7.5 | 3.5 | 5   | 0.5 | SMPC_123_0400D*05** |
| 0.015           | 7.2  | 9.5 | 4.5 | 5   | 0.5 | SMPC_153_0400D*05** |
| 0.022           | 7.2  | 9.5 | 4.5 | 5   | 0.5 | SMPC_223_0400D*05** |
| 0.027           | 7.2  | 10  | 5   | 5   | 0.5 | SMPC_273_0400D*05** |
| 0.033           | 7.2  | 11  | 6   | 5   | 0.5 | SMPC_333_0400D*05** |
| 0.039           | 7.2  | 11  | 6   | 5   | 0.5 | SMPC_393_0400D*05** |
| 0.047           | 7.2  | 11  | 6   | 5   | 0.5 | SMPC_473_0400D*05** |
| 0.01            | 10.5 | 9   | 4   | 7.5 | 0.6 | SMPC_103_0400D*08** |
| 0.012           | 10.5 | 9   | 4   | 7.5 | 0.6 | SMPC_123_0400D*08** |
| 0.015           | 10.5 | 9   | 4   | 7.5 | 0.6 | SMPC_153_0400D*08** |
| 0.022           | 10.5 | 9   | 4   | 7.5 | 0.6 | SMPC_223_0400D*08** |
| 0.027           | 10.5 | 9   | 4   | 7.5 | 0.6 | SMPC_273_0400D*08** |
| 0.033           | 10.5 | 11  | 5   | 7.5 | 0.6 | SMPC_333_0400D*08** |
| 0.047           | 10.5 | 11  | 5   | 7.5 | 0.6 | SMPC_473_0400D*08** |
| 0.068           | 10.5 | 12  | 6   | 7.5 | 0.6 | SMPC_683_0400D*08** |
| 0.015           | 13   | 9   | 4   | 10  | 0.6 | SMPC_153_0400D*10** |
| 0.018           | 13   | 9   | 4   | 10  | 0.6 | SMPC_183_0400D*10** |
| 0.022           | 13   | 9   | 4   | 10  | 0.6 | SMPC_223_0400D*10** |
| 0.027           | 13   | 9   | 4   | 10  | 0.6 | SMPC_273_0400D*10** |
| 0.033           | 13   | 9   | 4   | 10  | 0.6 | SMPC_333_0400D*10** |
| 0.039           | 13   | 9   | 4   | 10  | 0.6 | SMPC_393_0400D*10** |
| 0.047           | 13   | 11  | 5   | 10  | 0.6 | SMPC_473_0400D*10** |
| 0.056           | 13   | 11  | 5   | 10  | 0.6 | SMPC_563_0400D*10** |
| 0.068           | 13   | 11  | 5   | 10  | 0.6 | SMPC_683_0400D*10** |
| 0.082           | 13   | 12  | 6   | 10  | 0.6 | SMPC_823_0400D*10** |
| 0.1             | 13   | 12  | 6   | 10  | 0.6 | SMPC_104_0400D*10** |

| 400Vdc (220Vac) |      |      |     |      |     |                     |
|-----------------|------|------|-----|------|-----|---------------------|
| 容量<br>μF        | W    | H    | T   | P    | d   | 產品代碼<br>Part number |
| 0.1             | 18   | 11   | 5   | 15   | 0.8 | SMPC_104_0400D*15** |
| 0.12            | 18   | 11   | 5   | 15   | 0.8 | SMPC_124_0400D*15** |
| 0.15            | 18   | 12   | 6   | 15   | 0.8 | SMPC_154_0400D*15** |
| 0.18            | 18   | 12   | 6   | 15   | 0.8 | SMPC_184_0400D*15** |
| 0.22            | 18   | 13.5 | 7.5 | 15   | 0.8 | SMPC_224_0400D*15** |
| 0.33            | 18   | 14.5 | 8.5 | 15   | 0.8 | SMPC_334_0400D*15** |
| 0.39            | 18   | 15.5 | 9.5 | 15   | 0.8 | SMPC_394_0400D*15** |
| 0.47            | 18   | 15.5 | 9.5 | 15   | 0.8 | SMPC_474_0400D*15** |
| 0.68            | 18   | 19   | 11  | 15   | 0.8 | SMPC_684_0400D*15** |
| 0.18            | 26.5 | 15   | 6   | 22.5 | 0.8 | SMPC_184_0400D*23** |
| 0.22            | 26.5 | 15   | 6   | 22.5 | 0.8 | SMPC_224_0400D*23** |
| 0.33            | 26.5 | 15   | 6   | 22.5 | 0.8 | SMPC_334_0400D*23** |
| 0.39            | 26.5 | 16   | 7   | 22.5 | 0.8 | SMPC_394_0400D*23** |
| 0.47            | 26.5 | 16   | 7   | 22.5 | 0.8 | SMPC_474_0400D*23** |
| 0.68            | 26.5 | 17   | 8.5 | 22.5 | 0.8 | SMPC_684_0400D*23** |
| 0.82            | 26.5 | 18.5 | 10  | 22.5 | 0.8 | SMPC_824_0400D*23** |
| 1.0             | 26.5 | 20   | 11  | 22.5 | 0.8 | SMPC_105_0400D*23** |
| 1.2             | 26.5 | 22   | 12  | 22.5 | 0.8 | SMPC_125_0400D*23** |
| 1.5             | 26.5 | 22   | 12  | 22.5 | 0.8 | SMPC_155_0400D*23** |
| 0.68            | 32   | 18   | 9   | 27.5 | 0.8 | SMPC_684_0400D*28** |
| 1.0             | 32   | 18   | 9   | 27.5 | 0.8 | SMPC_105_0400D*28** |
| 1.2             | 32   | 20   | 11  | 27.5 | 0.8 | SMPC_125_0400D*28** |
| 1.5             | 32   | 20   | 11  | 27.5 | 0.8 | SMPC_155_0400D*28** |
| 1.8             | 32   | 22   | 13  | 27.5 | 0.8 | SMPC_185_0400D*28** |
| 2.2             | 32   | 24.5 | 15  | 27.5 | 0.8 | SMPC_225_0400D*28** |
| 2.7             | 32   | 28   | 14  | 27.5 | 0.8 | SMPC_275_0400D*28** |
| 3.3             | 32   | 33   | 18  | 27.5 | 0.8 | SMPC_335_0400D*28** |
| 3.9             | 32   | 33   | 18  | 27.5 | 0.8 | SMPC_395_0400D*28** |
| 4.7             | 32   | 37   | 22  | 27.5 | 0.8 | SMPC_475_0400D*28** |
| 5.6             | 32   | 37   | 22  | 27.5 | 0.8 | SMPC_565_0400D*28** |

Metallized Polypropylene Film Capacitor  
 金屬化聚丙烯膜電容器 (盒裝型) SMPC series



■ 外型尺寸表 Dimensions (mm)

| 630Vdc (250Vac) |      |     |     |     |     |                     |
|-----------------|------|-----|-----|-----|-----|---------------------|
| 容量<br>μF        | W    | H   | T   | P   | d   | 產品代碼<br>Part number |
| 0.001           | 7.2  | 7.5 | 3.5 | 5   | 0.5 | SMPC_102*0630D*05** |
| 0.0033          | 7.2  | 7.5 | 3.5 | 5   | 0.5 | SMPC_332*0630D*05** |
| 0.0039          | 7.2  | 9.5 | 4.5 | 5   | 0.5 | SMPC_392*0630D*05** |
| 0.0047          | 7.2  | 9.5 | 4.5 | 5   | 0.5 | SMPC_472*0630D*05** |
| 0.0056          | 7.2  | 10  | 5   | 5   | 0.5 | SMPC_562*0630D*05** |
| 0.0068          | 7.2  | 10  | 5   | 5   | 0.5 | SMPC_682*0630D*05** |
| 0.0082          | 7.2  | 11  | 6   | 5   | 0.5 | SMPC_822*0630D*05** |
| 0.01            | 7.2  | 11  | 6   | 5   | 0.5 | SMPC_103*0630D*05** |
| 0.012           | 7.2  | 11  | 6   | 5   | 0.5 | SMPC_123*0630D*05** |
| 0.001           | 10.5 | 9   | 4   | 7.5 | 0.6 | CMPC_102*0630D*08** |
| 0.0033          | 10.5 | 9   | 4   | 7.5 | 0.6 | CMPC_332*0630D*08** |
| 0.0068          | 10.5 | 9   | 4   | 7.5 | 0.6 | CMPC_682*0630D*08** |
| 0.01            | 10.5 | 9   | 4   | 7.5 | 0.6 | CMPC_103*0630D*08** |
| 0.012           | 10.5 | 9   | 4   | 7.5 | 0.6 | CMPC_123*0630D*08** |
| 0.015           | 10.5 | 11  | 5   | 7.5 | 0.6 | CMPC_153*0630D*08** |
| 0.018           | 10.5 | 11  | 5   | 7.5 | 0.6 | CMPC_183*0630D*08** |
| 0.022           | 10.5 | 11  | 5   | 7.5 | 0.6 | CMPC_223*0630D*08** |
| 0.027           | 10.5 | 12  | 6   | 7.5 | 0.6 | SMPC_273*0630D*08** |
| 0.033           | 10.5 | 12  | 6   | 7.5 | 0.6 | SMPC_333*0630D*08** |
| 0.001           | 13   | 9   | 4   | 10  | 0.6 | SMPC_102*0630D*10** |
| 0.0012          | 13   | 9   | 4   | 10  | 0.6 | SMPC_122*0630D*10** |
| 0.0015          | 13   | 9   | 4   | 10  | 0.6 | SMPC_152*0630D*10** |
| 0.0022          | 13   | 9   | 4   | 10  | 0.6 | SMPC_222*0630D*10** |
| 0.0033          | 13   | 9   | 4   | 10  | 0.6 | SMPC_332*0630D*10** |
| 0.0047          | 13   | 9   | 4   | 10  | 0.6 | SMPC_472*0630D*10** |
| 0.0068          | 13   | 9   | 4   | 10  | 0.6 | SMPC_682*0630D*10** |
| 0.01            | 13   | 9   | 4   | 10  | 0.6 | SMPC_103*0630D*10** |
| 0.018           | 13   | 9   | 4   | 10  | 0.6 | SMPC_183*0630D*10** |
| 0.022           | 13   | 11  | 5   | 10  | 0.6 | SMPC_223*0630D*10** |
| 0.033           | 13   | 11  | 5   | 10  | 0.6 | SMPC_333*0630D*10** |
| 0.047           | 13   | 12  | 6   | 10  | 0.6 | SMPC_473*0630D*10** |

| 630Vdc (250Vac) |      |      |     |      |     |                     |
|-----------------|------|------|-----|------|-----|---------------------|
| 容量<br>μF        | W    | H    | T   | P    | d   | 產品代碼<br>Part number |
| 0.033           | 18   | 11   | 5   | 15   | 0.8 | SMPC_333*0630D*15** |
| 0.047           | 18   | 11   | 5   | 15   | 0.8 | SMPC_473*0630D*15** |
| 0.068           | 18   | 12   | 6   | 15   | 0.8 | SMPC_683*0630D*15** |
| 0.082           | 18   | 12   | 6   | 15   | 0.8 | SMPC_823*0630D*15** |
| 0.1             | 18   | 13.5 | 7.5 | 15   | 0.8 | SMPC_104*0630D*15** |
| 0.15            | 18   | 13.5 | 7.5 | 15   | 0.8 | SMPC_154*0630D*15** |
| 0.18            | 18   | 14.5 | 8.5 | 15   | 0.8 | SMPC_184*0630D*15** |
| 0.22            | 18   | 15.5 | 9.5 | 15   | 0.8 | SMPC_224*0630D*15** |
| 0.27            | 18   | 19   | 11  | 15   | 0.8 | SMPC_274*0630D*15** |
| 0.33            | 18   | 19   | 11  | 15   | 0.8 | SMPC_334*0630D*15** |
| 0.1             | 26.5 | 15   | 6   | 22.5 | 0.8 | SMPC_104*0630D*23** |
| 0.15            | 26.5 | 15   | 6   | 22.5 | 0.8 | SMPC_154*0630D*23** |
| 0.22            | 26.5 | 16   | 7   | 22.5 | 0.8 | SMPC_224*0630D*23** |
| 0.27            | 26.5 | 17   | 8.5 | 22.5 | 0.8 | SMPC_274*0630D*23** |
| 0.33            | 26.5 | 17   | 8.5 | 22.5 | 0.8 | SMPC_334*0630D*23** |
| 0.39            | 26.5 | 19   | 10  | 22.5 | 0.8 | SMPC_394*0630D*23** |
| 0.47            | 26.5 | 19   | 10  | 22.5 | 0.8 | SMPC_474*0630D*23** |
| 0.56            | 26.5 | 20   | 11  | 22.5 | 0.8 | SMPC_564*0630D*23** |
| 0.68            | 26.5 | 22   | 12  | 22.5 | 0.8 | SMPC_684*0630D*23** |
| 0.33            | 32   | 18   | 9   | 27.5 | 0.8 | SMPC_334*0630D*28** |
| 0.47            | 32   | 18   | 9   | 27.5 | 0.8 | SMPC_474*0630D*28** |
| 0.56            | 32   | 20   | 11  | 27.5 | 0.8 | SMPC_564*0630D*28** |
| 0.82            | 32   | 20   | 11  | 27.5 | 0.8 | SMPC_824*0630D*28** |
| 1.0             | 32   | 22   | 13  | 27.5 | 0.8 | SMPC_105*0630D*28** |
| 1.2             | 32   | 24.5 | 15  | 27.5 | 0.8 | SMPC_125*0630D*28** |
| 1.5             | 32   | 28   | 14  | 27.5 | 0.8 | SMPC_155*0630D*28** |
| 1.8             | 32   | 33   | 18  | 27.5 | 0.8 | SMPC_185*0630D*28** |
| 2.2             | 32   | 33   | 18  | 27.5 | 0.8 | SMPC_225*0630D*28** |
| 2.7             | 32   | 37   | 22  | 27.5 | 0.8 | SMPC_275*0630D*28** |
| 3.3             | 32   | 37   | 22  | 27.5 | 0.8 | SMPC_335*0630D*28** |

Metallized Polypropylene Film Capacitor  
 金屬化聚丙烯膜電容器 (盒裝型) SMPC series



■ 外型尺寸表 Dimensions (mm)

| 1000Vdc (400Vac) |      |      |     |      |     |                     |
|------------------|------|------|-----|------|-----|---------------------|
| 容量<br>μF         | W    | H    | T   | P    | d   | 產品代碼<br>Part number |
| 0.001            | 13   | 9    | 4   | 10   | 0.6 | SMPC_102*1000D*10** |
| 0.0022           | 13   | 9    | 4   | 10   | 0.6 | SMPC_222*1000D*10** |
| 0.0033           | 13   | 9    | 4   | 10   | 0.6 | SMPC_332*1000D*10** |
| 0.0039           | 13   | 9    | 4   | 10   | 0.6 | SMPC_392*1000D*10** |
| 0.0047           | 13   | 11   | 5   | 10   | 0.6 | SMPC_472*1000D*10** |
| 0.0068           | 13   | 11   | 5   | 10   | 0.6 | SMPC_682*1000D*10** |
| 0.0082           | 13   | 12   | 6   | 10   | 0.6 | SMPC_822*1000D*10** |
| 0.01             | 13   | 12   | 6   | 10   | 0.6 | SMPC_103*1000D*10** |
| 0.0022           | 18   | 11   | 5   | 15   | 0.8 | SMPC_222*1000D*15** |
| 0.0033           | 18   | 11   | 5   | 15   | 0.8 | SMPC_332*1000D*15** |
| 0.0047           | 18   | 11   | 5   | 15   | 0.8 | SMPC_472*1000D*15** |
| 0.0068           | 18   | 11   | 5   | 15   | 0.8 | SMPC_682*1000D*15** |
| 0.01             | 18   | 11   | 5   | 15   | 0.8 | SMPC_103*1000D*15** |
| 0.015            | 18   | 12   | 6   | 15   | 0.8 | SMPC_153*1000D*15** |
| 0.022            | 18   | 13.5 | 7.5 | 15   | 0.8 | SMPC_223*1000D*15** |
| 0.027            | 18   | 13.5 | 7.5 | 15   | 0.8 | SMPC_273*1000D*15** |
| 0.033            | 18   | 14.5 | 8.5 | 15   | 0.8 | SMPC_333*1000D*15** |
| 0.039            | 18   | 15.5 | 9.5 | 15   | 0.8 | SMPC_393*1000D*15** |
| 0.047            | 18   | 15.5 | 9.5 | 15   | 0.8 | SMPC_473*1000D*15** |
| 0.056            | 18   | 19   | 11  | 15   | 0.8 | SMPC_563*1000D*15** |
| 0.068            | 18   | 19   | 11  | 15   | 0.8 | SMPC_683*1000D*15** |
| 0.022            | 26.5 | 15   | 6   | 22.5 | 0.8 | SMPC_223_1000D*23** |
| 0.033            | 26.5 | 15   | 6   | 22.5 | 0.8 | SMPC_333_1000D*23** |
| 0.047            | 26.5 | 16   | 7   | 22.5 | 0.8 | SMPC_473_1000D*23** |
| 0.056            | 26.5 | 16   | 7   | 22.5 | 0.8 | SMPC_563_1000D*23** |
| 0.068            | 26.5 | 17   | 8.5 | 22.5 | 0.8 | SMPC_683_1000D*23** |
| 0.082            | 26.5 | 17   | 8.5 | 22.5 | 0.8 | SMPC_823_1000D*23** |
| 0.1              | 26.5 | 19   | 10  | 22.5 | 0.8 | SMPC_104_1000D*23** |
| 0.12             | 26.5 | 22   | 12  | 22.5 | 0.8 | SMPC_124_1000D*23** |
| 0.15             | 26.5 | 22   | 12  | 22.5 | 0.8 | SMPC_154_1000D*23** |

| 1600Vdc (600Vac) |      |      |     |      |     |                     |
|------------------|------|------|-----|------|-----|---------------------|
| 容量<br>μF         | W    | H    | T   | P    | d   | 產品代碼<br>Part number |
| 0.00056          | 18   | 11   | 5   | 15   | 0.8 | SMPC_561*1600D*15** |
| 0.00068          | 18   | 11   | 5   | 15   | 0.8 | SMPC_681*1600D*15** |
| 0.001            | 18   | 11   | 5   | 15   | 0.8 | SMPC_102*1600D*15** |
| 0.0015           | 18   | 11   | 5   | 15   | 0.8 | SMPC_152*1600D*15** |
| 0.0022           | 18   | 11   | 5   | 15   | 0.8 | SMPC_222*1600D*15** |
| 0.0033           | 18   | 11   | 5   | 15   | 0.8 | SMPC_332*1600D*15** |
| 0.0039           | 18   | 11   | 5   | 15   | 0.8 | SMPC_392*1600D*15** |
| 0.0047           | 18   | 11   | 5   | 15   | 0.8 | SMPC_472*1600D*15** |
| 0.0056           | 18   | 11   | 5   | 15   | 0.8 | SMPC_562*1600D*15** |
| 0.0068           | 18   | 11   | 5   | 15   | 0.8 | SMPC_682*1600D*15** |
| 0.0082           | 18   | 12   | 6   | 15   | 0.8 | SMPC_822*1600D*15** |
| 0.01             | 18   | 12   | 6   | 15   | 0.8 | SMPC_103*1600D*15** |
| 0.015            | 18   | 13.5 | 7.5 | 15   | 0.8 | SMPC_153*1600D*15** |
| 0.018            | 18   | 13.5 | 7.5 | 15   | 0.8 | SMPC_183*1600D*15** |
| 0.022            | 18   | 14.5 | 8.5 | 15   | 0.8 | SMPC_223*1600D*15** |
| 0.027            | 18   | 15.5 | 9.5 | 15   | 0.8 | SMPC_273*1600D*15** |
| 0.033            | 18   | 15.5 | 9.5 | 15   | 0.8 | SMPC_333*1600D*15** |
| 0.039            | 18   | 19   | 10  | 15   | 0.8 | SMPC_393*1600D*15** |
| 0.047            | 18   | 19   | 10  | 15   | 0.8 | SMPC_473*1600D*15** |
| 0.015            | 26.5 | 15   | 6   | 22.5 | 0.8 | SMPC_153*1600D*23** |
| 0.018            | 26.5 | 15   | 6   | 22.5 | 0.8 | SMPC_183*1600D*23** |
| 0.022            | 26.5 | 15   | 6   | 22.5 | 0.8 | SMPC_223*1600D*23** |
| 0.027            | 26.5 | 16   | 7   | 22.5 | 0.8 | SMPC_273*1600D*23** |
| 0.033            | 26.5 | 16   | 7   | 22.5 | 0.8 | SMPC_333*1600D*23** |
| 0.039            | 26.5 | 17   | 8.5 | 22.5 | 0.8 | SMPC_393*1600D*23** |
| 0.047            | 26.5 | 19   | 10  | 22.5 | 0.8 | SMPC_473*1600D*23** |
| 0.056            | 26.5 | 19   | 10  | 22.5 | 0.8 | SMPC_563*1600D*23** |
| 0.068            | 26.5 | 22   | 12  | 22.5 | 0.8 | SMPC_683*1600D*23** |
| 0.082            | 26.5 | 22   | 12  | 22.5 | 0.8 | SMPC_823*1600D*23** |
| 0.1              | 26.5 | 22   | 12  | 22.5 | 0.8 | SMPC_104*1600D*23** |

*Metallized Polypropylene Film Capacitor*  
 金屬化聚丙烯膜電容器 (盒裝型) SMPC series



■ 外型尺寸表 Dimensions (mm)

| 2000Vdc (600Vac) |      |      |     |      |     |                     |
|------------------|------|------|-----|------|-----|---------------------|
| 容量<br>μF         | W    | H    | T   | P    | d   | 產品代碼<br>Part number |
| 0.00056          | 18   | 11   | 5   | 15   | 0.8 | SMPC_561*2000D*15** |
| 0.00068          | 18   | 11   | 5   | 15   | 0.8 | SMPC_681*2000D*15** |
| 0.00082          | 18   | 11   | 5   | 15   | 0.8 | SMPC_821*2000D*15** |
| 0.001            | 18   | 11   | 5   | 15   | 0.8 | SMPC_102*2000D*15** |
| 0.0015           | 18   | 11   | 5   | 15   | 0.8 | SMPC_152*2000D*15** |
| 0.0018           | 18   | 11   | 5   | 15   | 0.8 | SMPC_182*2000D*15** |
| 0.0022           | 18   | 11   | 5   | 15   | 0.8 | SMPC_222*2000D*15** |
| 0.0027           | 18   | 11   | 5   | 15   | 0.8 | SMPC_272*2000D*15** |
| 0.0033           | 18   | 11   | 5   | 15   | 0.8 | SMPC_332*2000D*15** |
| 0.0039           | 18   | 11   | 5   | 15   | 0.8 | SMPC_392*2000D*15** |
| 0.0047           | 18   | 11   | 5   | 15   | 0.8 | SMPC_472*2000D*15** |
| 0.0056           | 18   | 12   | 6   | 15   | 0.8 | SMPC_562*2000D*15** |
| 0.0068           | 18   | 12   | 6   | 15   | 0.8 | SMPC_682*2000D*15** |
| 0.0082           | 18   | 13.5 | 7.5 | 15   | 0.8 | SMPC_822*2000D*15** |
| 0.01             | 18   | 13.5 | 7.5 | 15   | 0.8 | SMPC_103*2000D*15** |
| 0.015            | 18   | 14.5 | 8.5 | 15   | 0.8 | SMPC_153*2000D*15** |
| 0.018            | 18   | 15.5 | 9.5 | 15   | 0.8 | SMPC_183*2000D*15** |
| 0.022            | 18   | 19   | 11  | 15   | 0.8 | SMPC_223*2000D*15** |
| 0.0068           | 26.5 | 15   | 6   | 22.5 | 0.8 | SMPC_682*2000D*23** |
| 0.0082           | 26.5 | 15   | 6   | 22.5 | 0.8 | SMPC_822*2000D*23** |
| 0.01             | 26.5 | 15   | 6   | 22.5 | 0.8 | SMPC_103*2000D*23** |
| 0.012            | 26.5 | 15   | 6   | 22.5 | 0.8 | SMPC_123*2000D*23** |
| 0.015            | 26.5 | 15   | 6   | 22.5 | 0.8 | SMPC_153*2000D*23** |
| 0.018            | 26.5 | 16.5 | 7   | 22.5 | 0.8 | SMPC_183*2000D*23** |
| 0.022            | 26.5 | 17   | 8.5 | 22.5 | 0.8 | SMPC_223*2000D*23** |
| 0.027            | 26.5 | 17   | 8.5 | 22.5 | 0.8 | SMPC_273*2000D*23** |
| 0.033            | 26.5 | 19   | 10  | 22.5 | 0.8 | SMPC_333*2000D*23** |
| 0.039            | 26.5 | 19   | 10  | 22.5 | 0.8 | SMPC_393*2000D*23** |
| 0.047            | 26.5 | 22   | 12  | 22.5 | 0.8 | SMPC_473*2000D*23** |
| 0.056            | 26.5 | 22   | 12  | 22.5 | 0.8 | SMPC_563*2000D*23** |

\_ = Internal use

\* = Lead Forming (Refer to Product code system)

\*\* = Lead length

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