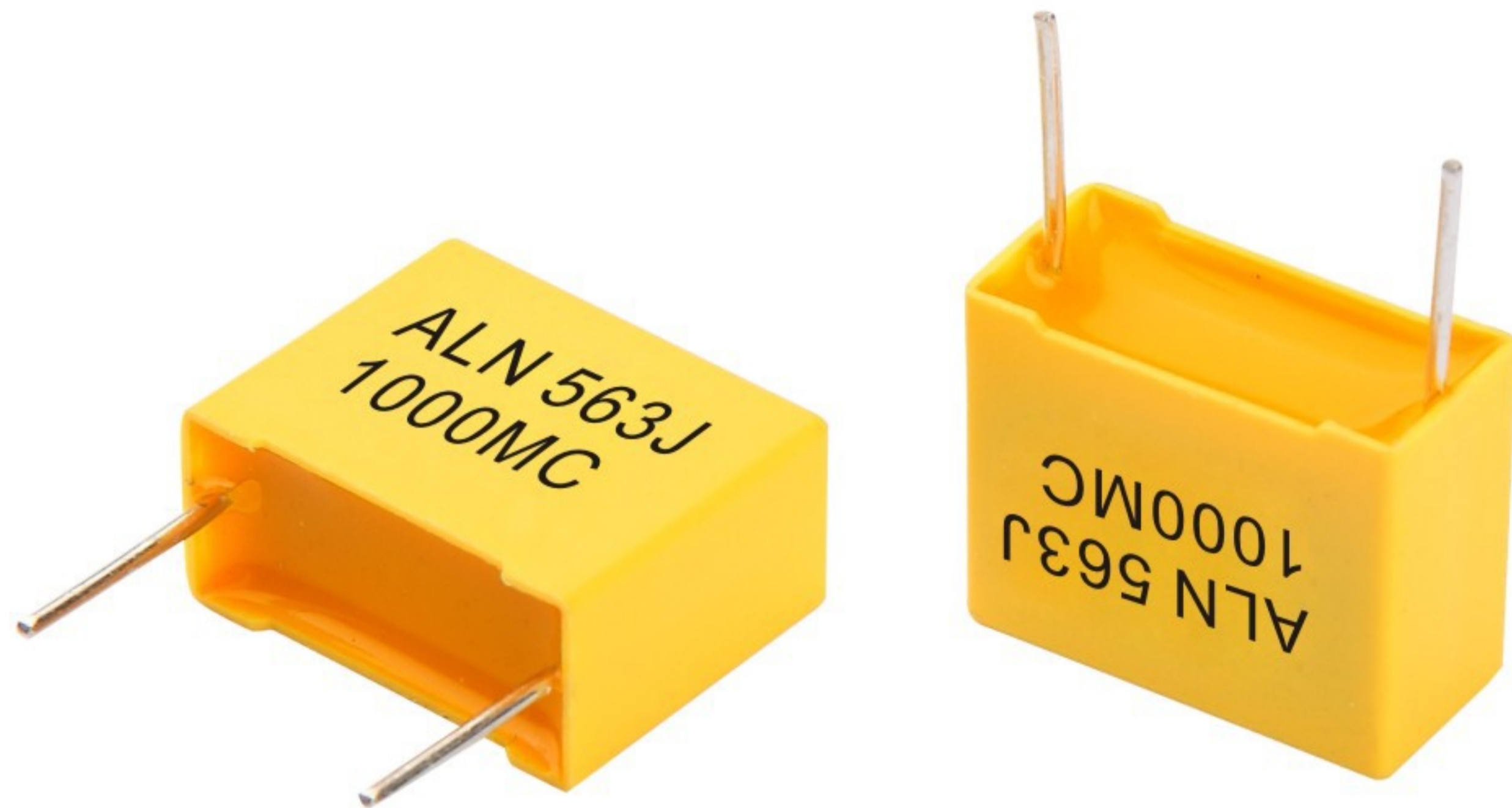
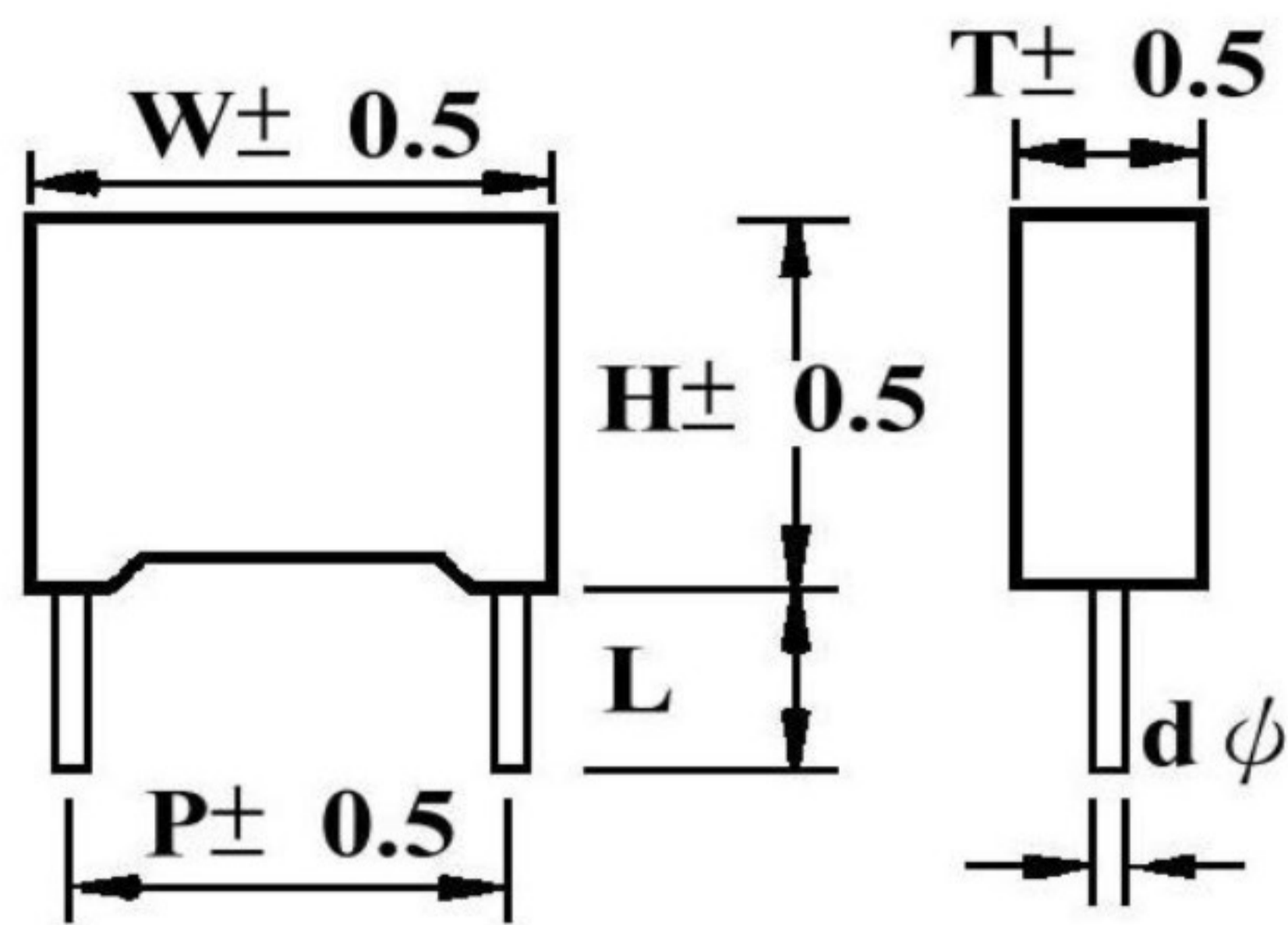


外觀圖 Outling Drawing



主要用途

廣泛用于高壓，高頻，脈衝，大電流電路
高頻諧振電路
大功率電子鎮流器，節能燈
吸收和SCR整流電路

特點

雙面金屬化聚丙烯膜結構
損耗小，內部溫升小
負電容量溫度系數
優異的阻燃性

Typical Applications

Widely used in high voltage, high frequency, pulse, large current circuit
High frequency resonant circuit
High power electronic ballasts, energy saving lamps
Absorption and SCR rectifier circuit

Features

Double-sided metallized polypropylene film structure
Small loss, small internal temperature rise
Temperature coefficient of negative power capacity
Excellent flame retardancy

規格書 SPECIFICATION

| 引用標準 Reference Standard | GB/T 10190(IEC 60384-16) | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
|---|--|--------------------|-------------|--------|--------|--|--|-------|--------|--------|--------|--------|-----|------|------|-----|-----|-----|-----|------|------|-----|-----|-----|-----|------|------|------|------|-----|------|------|------|------|------|------|------|----|----|------|------|------|------|----|----|-------|------|------|
| 氣候類別 Climatic Category | 40/105/56 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 額定溫度 Rated Temperature | 85°C for U _R (dc); 75°C for U _R (ac) | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 工作溫度範圍 Operating Temperature Range | -40°C~110°C (85°C to +115°C:decreasing factor 1.25% per °C for U _R (dc) (75°C to +115°C:decreasing factor 1.235% per °C for U _R (ac) | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 電容量範圍 Capacitance Range | 0.00022 μF~3.9 μF | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 額定電壓 Rated Voltage | 250V,400V,630V,1000V,1600V,2000V | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 電容偏差 Capacitance Tolerance | ± 2% (G), ± 3% (H), ± 5% (J), ± 10% (K), ± 20% (M), | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 承受電壓 Voltage Proof | 1.6U _R (5s) | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 損耗角 Dissipation Factor | ≤0.0010 (1kHz,20°C) | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 絕緣電阻 Insulation Resistance. | ≥100.000MΩ, C _N ≤0.33 μF (20°C,100V,1min) ≥30.000, C _N >0.33 μF | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 最大脈衝爬升速率Maximum Pulse Rise Time(dV/dt):若實際工作電壓U比額定電壓U _R 低，電容器可工作在更高的dv/dt場合，這樣dv/dt允許值應為右表值乘以U _R /U。 If the working votage(U)is lower than the rated voltage(U _R),the capacitor can be worked at a higer dV/dt,In this case,the maxomum allowed d/V dt is obtain by muiltiplying the right value with U _R /U. | <table border="1"> <thead> <tr> <th rowspan="2">U_R(V)</th> <th colspan="5">dV/dt(V/μs)</th> </tr> <tr> <th>P=7.5</th> <th>P=10.0</th> <th>P=15.0</th> <th>P=22.5</th> <th>P=27.5</th> </tr> </thead> <tbody> <tr> <td>250</td> <td>1200</td> <td>1000</td> <td>550</td> <td>250</td> <td>200</td> </tr> <tr> <td>400</td> <td>1800</td> <td>1500</td> <td>900</td> <td>500</td> <td>300</td> </tr> <tr> <td>630</td> <td>3200</td> <td>3200</td> <td>2500</td> <td>1500</td> <td>900</td> </tr> <tr> <td>1000</td> <td>6000</td> <td>6000</td> <td>3300</td> <td>2100</td> <td>1000</td> </tr> <tr> <td>1600</td> <td>--</td> <td>--</td> <td>6000</td> <td>3000</td> <td>2000</td> </tr> <tr> <td>2000</td> <td>--</td> <td>--</td> <td>10000</td> <td>5000</td> <td>2200</td> </tr> </tbody> </table> | U _R (V) | dV/dt(V/μs) | | | | | P=7.5 | P=10.0 | P=15.0 | P=22.5 | P=27.5 | 250 | 1200 | 1000 | 550 | 250 | 200 | 400 | 1800 | 1500 | 900 | 500 | 300 | 630 | 3200 | 3200 | 2500 | 1500 | 900 | 1000 | 6000 | 6000 | 3300 | 2100 | 1000 | 1600 | -- | -- | 6000 | 3000 | 2000 | 2000 | -- | -- | 10000 | 5000 | 2200 |
| U _R (V) | dV/dt(V/μs) | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | P=7.5 | P=10.0 | P=15.0 | P=22.5 | P=27.5 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 250 | 1200 | 1000 | 550 | 250 | 200 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 400 | 1800 | 1500 | 900 | 500 | 300 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 630 | 3200 | 3200 | 2500 | 1500 | 900 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 1000 | 6000 | 6000 | 3300 | 2100 | 1000 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 1600 | -- | -- | 6000 | 3000 | 2000 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 2000 | -- | -- | 10000 | 5000 | 2200 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |

外型尺寸表 Dimension(mm)

| 1000Vdc(600Vac) | | | | | |
|-----------------|------|------|------|------|-----|
| 容量 μF | W | H | T | P | d |
| 0.00047 | 10.5 | 9.0 | 4.0 | 7.5 | 0.6 |
| 0.00056 | 10.5 | 9.0 | 4.0 | 7.5 | 0.6 |
| 0.00068 | 10.5 | 9.0 | 4.0 | 7.5 | 0.6 |
| 0.00082 | 10.5 | 9.0 | 4.0 | 7.5 | 0.6 |
| 0.0010 | 10.5 | 9.0 | 4.0 | 7.5 | 0.6 |
| 0.0012 | 10.5 | 11.0 | 5.0 | 7.5 | 0.6 |
| 0.0015 | 10.5 | 11.0 | 5.0 | 7.5 | 0.6 |
| 0.0018 | 10.5 | 11.0 | 5.0 | 7.5 | 0.6 |
| 0.0022 | 10.5 | 11.0 | 5.0 | 7.5 | 0.6 |
| 0.0027 | 10.5 | 12.0 | 6.0 | 7.5 | 0.6 |
| 0.0033 | 10.5 | 12.0 | 6.0 | 7.5 | 0.6 |
| 0.0010 | 13.0 | 9.0 | 4.0 | 10.0 | 0.6 |
| 0.0012 | 13.0 | 9.0 | 4.0 | 10.0 | 0.6 |
| 0.0015 | 13.0 | 9.0 | 4.0 | 10.0 | 0.6 |
| 0.0018 | 13.0 | 9.0 | 4.0 | 10.0 | 0.6 |
| 0.0022 | 13.0 | 9.0 | 4.0 | 10.0 | 0.6 |
| 0.0027 | 13.0 | 9.0 | 4.0 | 10.0 | 0.6 |
| 0.0033 | 13.0 | 9.0 | 4.0 | 10.0 | 0.6 |
| 0.0039 | 13.0 | 11.0 | 5.0 | 10.0 | 0.6 |
| 0.0047 | 13.0 | 11.0 | 5.0 | 10.0 | 0.6 |
| 0.0056 | 13.0 | 12.0 | 6.0 | 10.0 | 0.6 |
| 0.0068 | 13.0 | 12.0 | 6.0 | 10.0 | 0.6 |
| 0.0082 | 17.5 | 11.0 | 5.0 | 15.0 | 0.8 |
| 0.010 | 17.5 | 11.0 | 5.0 | 15.0 | 0.8 |
| 0.012 | 17.5 | 11.0 | 5.0 | 15.0 | 0.8 |
| 0.015 | 17.5 | 11.0 | 5.0 | 15.0 | 0.8 |
| 0.018 | 17.5 | 13.5 | 7.5 | 15.0 | 0.8 |
| 0.022 | 17.5 | 13.5 | 7.5 | 15.0 | 0.8 |
| 0.027 | 17.5 | 14.5 | 8.5 | 15.0 | 0.8 |
| 0.033 | 17.5 | 14.5 | 8.5 | 15.0 | 0.8 |
| 0.039 | 17.5 | 16.0 | 10.0 | 15.0 | 0.8 |
| 0.047 | 17.5 | 19.0 | 11.0 | 15.0 | 0.8 |
| 0.027 | 26.5 | 15.0 | 6.0 | 22.5 | 0.8 |
| 0.033 | 26.5 | 15.0 | 6.0 | 22.5 | 0.8 |
| 0.039 | 26.5 | 15.0 | 6.0 | 22.5 | 0.8 |
| 0.047 | 26.5 | 16.0 | 7.0 | 22.5 | 0.8 |
| 0.056 | 26.5 | 16.0 | 7.0 | 22.5 | 0.8 |
| 0.068 | 26.5 | 17.0 | 8.5 | 22.5 | 0.8 |
| 0.082 | 26.5 | 18.5 | 10.0 | 22.5 | 0.8 |
| 0.10 | 26.5 | 18.5 | 10.0 | 22.5 | 0.8 |
| 0.12 | 26.5 | 22.0 | 12.0 | 22.5 | 0.8 |
| 0.15 | 26.5 | 22.0 | 12.0 | 22.5 | 0.8 |
| 0.10 | 32.0 | 18.0 | 9.0 | 27.5 | 0.8 |
| 0.12 | 32.0 | 20 | 11.0 | 27.5 | 0.8 |
| 0.15 | 32.0 | 20 | 11.0 | 27.5 | 0.8 |
| 0.18 | 32.0 | 22 | 13.0 | 27.5 | 0.8 |
| 0.22 | 32.0 | 22 | 13.0 | 27.5 | 0.8 |
| 0.27 | 32.0 | 24.5 | 15.0 | 27.5 | 0.8 |
| 0.33 | 32.0 | 28.0 | 14.0 | 27.5 | 0.8 |
| 0.39 | 32.0 | 33.0 | 18.0 | 27.5 | 0.8 |
| 0.47 | 32.0 | 33.0 | 18.0 | 27.5 | 0.8 |

| 1600Vdc(650Vac) | | | | | |
|-----------------|------|------|------|------|-----|
| 容量 μF | W | H | T | P | d |
| 0.00068 | 17.5 | 11.0 | 5.0 | 15.0 | 0.8 |
| 0.00082 | 17.5 | 11.0 | 5.0 | 15.0 | 0.8 |
| 0.0010 | 17.5 | 11.0 | 5.0 | 15.0 | 0.8 |
| 0.0012 | 17.5 | 11.0 | 5.0 | 15.0 | 0.8 |
| 0.0015 | 17.5 | 11.0 | 5.0 | 15.0 | 0.8 |
| 0.0018 | 17.5 | 11.0 | 5.0 | 15.0 | 0.8 |
| 0.0022 | 17.5 | 11.0 | 5.0 | 15.0 | 0.8 |
| 0.0027 | 17.5 | 11.0 | 5.0 | 15.0 | 0.8 |
| 0.0033 | 17.5 | 11.0 | 5.0 | 15.0 | 0.8 |
| 0.0039 | 17.5 | 11.0 | 5.0 | 15.0 | 0.8 |
| 0.0047 | 17.5 | 11.0 | 5.0 | 15.0 | 0.8 |
| 0.0056 | 17.5 | 11.0 | 5.0 | 15.0 | 0.8 |
| 0.0068 | 17.5 | 11.0 | 5.0 | 15.0 | 0.8 |
| 0.0082 | 17.5 | 12.0 | 6.0 | 15.0 | 0.8 |
| 0.010 | 17.5 | 12.0 | 6.0 | 15.0 | 0.8 |
| 0.012 | 17.5 | 13.5 | 7.5 | 15.0 | 0.8 |
| 0.015 | 17.5 | 13.5 | 7.5 | 15.0 | 0.8 |
| 0.018 | 17.5 | 14.5 | 8.5 | 15.0 | 0.8 |
| 0.022 | 17.5 | 14.5 | 8.5 | 15.0 | 0.8 |
| 0.027 | 17.5 | 16.0 | 10.0 | 15.0 | 0.8 |
| 0.033 | 17.5 | 19.0 | 11.0 | 15.0 | 0.8 |
| 0.015 | 26.5 | 15.0 | 6.0 | 22.5 | 0.8 |
| 0.018 | 26.5 | 15.0 | 6.0 | 22.5 | 0.8 |
| 0.022 | 26.5 | 15.0 | 6.0 | 22.5 | 0.8 |
| 0.027 | 26.5 | 15.0 | 6.0 | 22.5 | 0.8 |
| 0.033 | 26.5 | 16.0 | 7.0 | 22.5 | 0.8 |
| 0.039 | 26.5 | 17.0 | 8.5 | 22.5 | 0.8 |
| 0.047 | 26.5 | 18.5 | 10.0 | 22.5 | 0.8 |
| 0.056 | 26.5 | 18.5 | 10.0 | 22.5 | 0.8 |
| 0.068 | 26.5 | 22.0 | 12.0 | 22.5 | 0.8 |
| 0.082 | 26.5 | 22.0 | 12.0 | 22.5 | 0.8 |
| 0.039 | 32.0 | 18.0 | 9.0 | 27.5 | 0.8 |
| 0.047 | 32.0 | 18.0 | 9.0 | 27.5 | 0.8 |
| 0.056 | 32.0 | 18.0 | 9.0 | 27.5 | 0.8 |
| 0.068 | 32.0 | 18.0 | 9.0 | 27.5 | 0.8 |
| 0.082 | 32.0 | 20.0 | 11.0 | 27.5 | 0.8 |
| 0.10 | 32.0 | 20.0 | 11.0 | 27.5 | 0.8 |
| 0.12 | 32.0 | 22.0 | 13.0 | 27.5 | 0.8 |
| 0.15 | 32.0 | 24.5 | 15.0 | 27.5 | 0.8 |
| 0.18 | 32.0 | 24.5 | 15.0 | 27.5 | 0.8 |
| 0.22 | 32.0 | 33.0 | 18.0 | 27.5 | 0.8 |
| 0.27 | 32.0 | 33.0 | 18.0 | 27.5 | 0.8 |
| 0.33 | 32.0 | 33.0 | 18.0 | 27.5 | 0.8 |

| 2000Vdc(700Vac) | | | | | |
|-----------------|------|------|------|------|-----|
| 容量 μF | W | H | T | P | d |
| 0.00022 | 17.5 | 11.0 | 5.0 | 15.0 | 0.8 |
| 0.00027 | 17.5 | 11.0 | 5.0 | 15.0 | 0.8 |
| 0.00033 | 17.5 | 11.0 | 5.0 | 15.0 | 0.8 |
| 0.00039 | 17.5 | 11.0 | 5.0 | 15.0 | 0.8 |
| 0.00047 | 17.5 | 11.0 | 5.0 | 15.0 | 0.8 |
| 0.00056 | 17.5 | 11.0 | 5.0 | 15.0 | 0.8 |
| 0.00068 | 17.5 | 11.0 | 5.0 | 15.0 | 0.8 |
| 0.00085 | 17.5 | 11.0 | 5.0 | 15.0 | 0.8 |
| 0.0010 | 17.5 | 11.0 | 5.0 | 15.0 | 0.8 |
| 0.0012 | 17.5 | 11.0 | 5.0 | 15.0 | 0.8 |
| 0.0015 | 17.5 | 11.0 | 5.0 | 15.0 | 0.8 |
| 0.0018 | 17.5 | 11.0 | 5.0 | 15.0 | 0.8 |
| 0.0022 | 17.5 | 11.0 | 5.0 | 15.0 | 0.8 |
| 0.0027 | 17.5 | 11.0 | 5.0 | 15.0 | 0.8 |
| 0.0033 | 17.5 | 12.0 | 6.0 | 15.0 | 0.8 |
| 0.0039 | 17.5 | 12.0 | 6.0 | 15.0 | 0.8 |
| 0.0047 | 17.5 | 12.0 | 6.0 | 15.0 | 0.8 |
| 0.0056 | 17.5 | 13.5 | 7.5 | 15.0 | 0.8 |
| 0.0068 | 17.5 | 13.5 | 7.5 | 15.0 | 0.8 |
| 0.0082 | 17.5 | 14.5 | 8.5 | 15.0 | 0.8 |
| 0.010 | 17.5 | 16.0 | 10.0 | 15.0 | 0.8 |
| 0.012 | 17.5 | 16.0 | 10.0 | 15.0 | 0.8 |
| 0.015 | 17.5 | 19.0 | 11.0 | 15.0 | 0.8 |
| 0.0010 | 26.5 | 15.0 | 6.0 | 22.5 | 0.8 |
| 0.0012 | 26.5 | 15.0 | 6.0 | 22.5 | 0.8 |
| 0.0015 | 26.5 | 15.0 | 6.0 | 22.5 | 0.8 |
| 0.0018 | 26.5 | 15.0 | 6.0 | 22.5 | 0.8 |
| 0.0022 | 26.5 | 15.0 | 6.0 | 22.5 | 0.8 |
| 0.0027 | 26.5 | 15.0 | 6.0 | 22.5 | 0.8 |
| 0.0033 | 26.5 | 15.0 | 6.0 | 22.5 | 0.8 |
| 0.0039 | 26.5 | 15.0 | 6.0 | 22.5 | 0.8 |
| 0.0047 | 26.5 | 15.0 | 6.0 | 22.5 | 0.8 |
| 0.0056 | 26.5 | 15.0 | 6.0 | 22.5 | 0.8 |
| 0.0068 | 26.5 | 15.0 | 6.0 | 22.5 | 0.8 |
| 0.0082 | 26.5 | 15.0 | 6.0 | 22.5 | 0.8 |
| 0.010 | 26.5 | 15.0 | 6.0 | 22.5 | 0.8 |
| 0.012 | 26.5 | 15.0 | 6.0 | 22.5 | 0.8 |
| 0.015 | 26.5 | 16.0 | 7.0 | 22.5 | 0.8 |
| 0.018 | 26.5 | 16.0 | 7.0 | 22.5 | 0.8 |
| 0.022 | 26.5 | 17.0 | 8.5 | 22.5 | 0.8 |
| 0.027 | 26.5 | 18.5 | 10.0 | 22.5 | 0.8 |
| 0.033 | 26.5 | 18.5 | 10.0 | 22.5 | 0.8 |
| 0.039 | 26.5 | 22.0 | 12.0 | 22.5 | 0.8 |
| 0.047 | 26.5 | 22.0 | 12.0 | 22.5 | 0.8 |
| 0.022 | 32.0 | 18.0 | 9.0 | 27.5 | 0.8 |
| 0.027 | 32.0 | 18.0 | 9.0 | 27.5 | 0.8 |
| 0.033 | 32.0 | 18.0 | 9.0 | 27.5 | 0.8 |
| 0.039 | 32.0 | 20.0 | 11.0 | 27.5 | 0.8 |
| 0.047 | 32.0 | 20.0 | 11.0 | 27.5 | 0.8 |
| 0.056 | 32.0 | 22.0 | 13.0 | 27.5 | 0.8 |
| 0.068 | 32.0 | 22.0 | 13.0 | 27.5 | 0.8 |
| 0.082 | 32.0 | 24.5 | 15.0 | 27.5 | 0.8 |
| 0.10 | 32.0 | 28.0 | 14.0 | 27.5 | 0.8 |
| 0.12 | 32.0 | 33.0 | 18.0 | 27.5 | 0.8 |
| 0.15 | 32.0 | 33.0 | 18.0 | 27.5 | 0.8 |

金屬化薄膜電容