

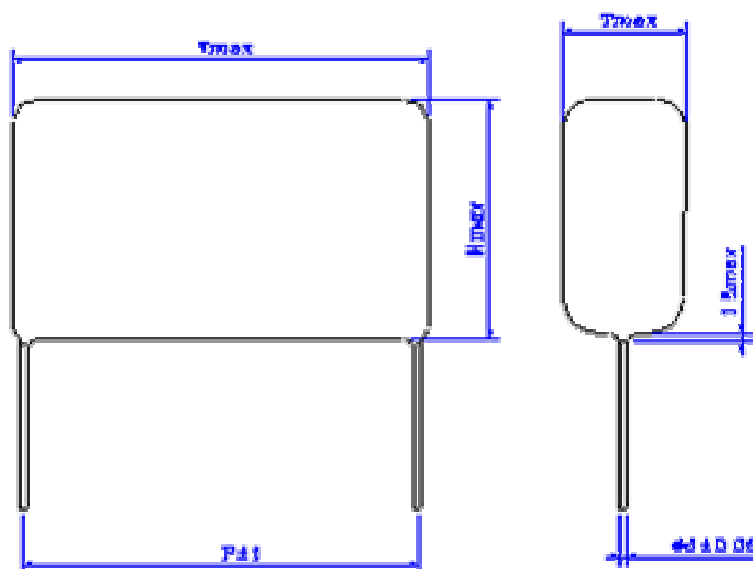


# CL21 Metallized Polyester Film DC Epoxy Capacitor

## CL21 Metallized Polyester Film DC Epoxy Capacitor

### 技術參數 Technical Specification :

|                            |  |
|----------------------------|--|
| 型號 Type                    | CL21   |
| 執行標準 Standard              | IEC60384-2<br>GB/T7332   |
| 容量範圍 Capacitance range     | 0.01 $\mu$ F ~ 6.8 $\mu$ F   |
| 容量偏差 Capacitance tolerance | J( $\pm$ 5%),K( $\pm$ 10%)   |
| 額定定額 Rated voltage         | 250Vdc/400Vdc/630Vdc   |
| 耐電壓 Withstand voltage      | 1.4UR(DC)/5S   |
| 損耗角正切 Dissipation factor   | $\text{tg } \delta \leq 0.0100(1\text{KHz})$   |
| 絕緣電阻 Insulation resistance | $C \leq 0.3 \mu\text{F} \geq 7500\text{M}\Omega$<br>$C > 0.3 \mu\text{F} \geq 7500\text{S}$<br>$R \cdot C \geq 2500\text{S}$ |
| 使用溫度 Operating temperature | -40~+85 $^{\circ}$ C   |



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外形尺寸 Outline Size :

| 標準容<br>量 $\mu F$ | 250VDC             |      |      |    | 400VDC             |      |      |    | 630VDC             |      |      |    |
|------------------|--------------------|------|------|----|--------------------|------|------|----|--------------------|------|------|----|
|                  | 外形尺寸(mm) Dimension |      |      |    | 外形尺寸(mm) Dimension |      |      |    | 外形尺寸(mm) Dimension |      |      |    |
|                  | Wmax               | Tmax | Hmax | P  | Wmax               | Tmax | Hmax | P  | Wmax               | Tmax | Hmax | P  |
| 0.01             |                    |      |      |    |                    |      |      |    | 13.0               | 5.5  | 9.4  | 10 |
| 0.012            |                    |      |      |    |                    |      |      |    | 13.0               | 5.8  | 9.7  | 10 |
| 0.015            |                    |      |      |    |                    |      |      |    | 13.0               | 6.2  | 10.1 | 10 |
| 0.018            |                    |      |      |    |                    |      |      |    | 13.0               | 6.5  | 10.5 | 10 |
| 0.022            |                    |      |      |    |                    |      |      |    | 13.0               | 6.7  | 11.4 | 10 |
| 0.027            |                    |      |      |    |                    |      |      |    | 13.0               | 5.7  | 10.4 | 10 |
| 0.033            |                    |      |      |    |                    |      |      |    | 13.0               | 6.1  | 10.8 | 10 |
| 0.039            |                    |      |      |    |                    |      |      |    | 13.0               | 6.4  | 11.1 | 10 |
| 0.047            |                    |      |      |    |                    |      |      |    | 13.0               | 6.9  | 11.6 | 10 |
| 0.056            |                    |      |      |    |                    |      |      |    | 13.0               | 6.1  | 10.8 | 10 |
| 0.068            |                    |      |      |    |                    |      |      |    | 13.0               | 6.1  | 12.4 | 10 |
| 0.082            | 13.0               | 5.7  | 9.6  | 10 |                    |      |      |    | 13.0               | 6.5  | 12.8 | 10 |
| 0.1              | 13.0               | 6.1  | 10.0 | 10 |                    |      |      |    | 13.0               | 7.1  | 13.3 | 10 |
| 0.12             | 13.0               | 6.5  | 10.4 | 10 | 18.0               | 5.8  | 9.7  | 15 | 13.0               | 7.6  | 13.9 | 10 |
| 0.15             | 13.0               | 6.7  | 11.5 | 10 | 18.0               | 6.3  | 10.2 | 15 | 13.0               | 8.4  | 14.6 | 10 |
| 0.18             | 13.0               | 7.2  | 11.9 | 10 | 18.0               | 6.7  | 10.6 | 15 | 23.0               | 6.6  | 11.3 | 20 |
| 0.22             | 13.0               | 7.8  | 12.6 | 10 | 18.0               | 6.9  | 11.6 | 15 | 23.0               | 7.1  | 11.8 | 20 |
| 0.27             | 13.0               | 8.0  | 14.2 | 10 | 18.0               | 7.5  | 12.2 | 15 | 23.0               | 7.2  | 13.4 | 20 |
| 0.33             | 13.0               | 8.7  | 15.0 | 10 | 18.0               | 8.2  | 12.9 | 15 | 23.0               | 7.8  | 14.1 | 20 |
| 0.39             |                    |      |      |    | 18.0               | 8.7  | 13.5 | 15 | 23.0               | 8.4  | 14.6 | 20 |
| 0.47             | 23.0               | 6.9  | 11.6 | 20 | 18.0               | 8.8  | 15.1 | 15 | 23.0               | 8.5  | 16.4 | 20 |
| 0.56             | 23.0               | 7.3  | 12.1 | 20 | 18.0               | 9.6  | 15.9 | 15 | 23.0               | 9.3  | 17.1 | 20 |
| 0.68             | 23.0               | 7.4  | 13.7 | 20 | 18.0               | 10.5 | 16.8 | 15 | 23.0               | 10.1 | 18   | 20 |
| 0.82             | 23.0               | 8    | 14.3 | 20 | 29.0               | 8    | 15.8 | 26 | 23.0               | 11.1 | 19   | 20 |
| 1                | 23.0               | 8.7  | 15   | 20 | 29.0               | 8.8  | 16.6 | 26 | 23.0               | 12.3 | 20.1 | 20 |
| 1.2              | 23.0               | 9.5  | 15.8 | 20 | 29.0               | 9.5  | 17.4 | 26 | 23.0               | 13.4 | 21.3 | 20 |
| 1.5              | 23.0               | 10.5 | 16.8 | 20 | 29.0               | 10.6 | 18.5 | 26 | 23.0               | 15   | 22.9 | 20 |
| 1.8              | 23.0               | 11.5 | 17.8 | 20 | 29.0               | 11   | 20.4 | 26 |                    |      |      |    |
| 2.2              | 23.0               | 12   | 19.8 | 20 | 29.0               | 12.2 | 21.6 | 26 |                    |      |      |    |
| 2.7              | 23.0               | 13.3 | 21.1 | 20 | 29.0               | 13.6 | 23   | 26 |                    |      |      |    |
| 3.3              |                    |      |      |    | 29.0               | 15.1 | 24.5 | 26 |                    |      |      |    |
| 3.9              |                    |      |      |    | 29.0               | 16.4 | 25.9 | 26 |                    |      |      |    |
| 0.082            |                    |      |      |    |                    |      |      |    | 18.0               | 5.9  | 10.6 | 15 |
| 0.1              |                    |      |      |    |                    |      |      |    | 18.0               | 6.3  | 11.1 | 15 |
| 0.12             |                    |      |      |    |                    |      |      |    | 18.0               | 6.8  | 11.5 | 15 |
| 0.15             |                    |      |      |    |                    |      |      |    | 18.0               | 6.9  | 13.2 | 15 |
| 0.18             |                    |      |      |    |                    |      |      |    | 18.0               | 7.4  | 13.7 | 15 |
| 0.22             |                    |      |      |    |                    |      |      |    | 18.0               | 8.1  | 14.3 | 15 |
| 0.27             | 18.0               | 6.5  | 11.2 | 15 |                    |      |      |    | 18.0               | 8.8  | 15.1 | 15 |
| 0.33             | 18.0               | 7.0  | 11.7 | 15 | 23.0               | 7.3  | 12.0 | 20 | 18.0               | 9.1  | 16.9 | 15 |
| 0.39             | 18.0               | 6.9  | 13.2 | 15 | 23.0               | 7.8  | 12.6 | 20 | 18.0               | 9.8  | 17.7 | 15 |
| 0.47             | 18.0               | 7.5  | 13.8 | 15 | 23.0               | 8.5  | 13.2 | 20 | 29.0               | 7.7  | 14   | 26 |
| 0.56             | 18.0               | 8.1  | 14.4 | 15 | 23.0               | 8.5  | 14.8 | 20 | 29.0               | 8.3  | 14.6 | 26 |
| 0.68             | 18.0               | 8.8  | 15.1 | 15 | 23.0               | 9.3  | 15.6 | 20 | 29.0               | 8.5  | 16.3 | 26 |
| 0.82             | 18.0               | 9.0  | 16.9 | 15 | 23.0               | 10.1 | 16.4 | 20 | 29.0               | 9.3  | 17.1 | 26 |
| 1                | 18.0               | 9.9  | 17.8 | 15 | 23.0               | 11.1 | 17.4 | 20 | 29.0               | 10.2 | 18   | 26 |
| 1.2              | 29.0               | 8.3  | 14.6 | 26 | 26.0               | 11.5 | 19.3 | 20 | 29.0               | 11.1 | 19   | 26 |
| 1.5              | 29.0               | 8.7  | 16.5 | 26 | 26.0               | 12.8 | 20.7 | 20 | 29.0               | 12.4 | 20.3 | 26 |
| 1.8              | 29.0               | 9.4  | 17.3 | 26 | 26.0               | 10.4 | 18.2 | 31 | 29.0               | 13.6 | 21.4 | 26 |
| 2.2              | 29.0               | 10.4 | 18.3 | 26 | 26.0               | 11.4 | 19.3 | 31 | 29.0               | 14.4 | 13.8 | 26 |
| 2.7              | 29.0               | 11.5 | 19.4 | 26 | 26.0               | 12.0 | 21.4 | 31 | 29.0               | 16   | 25.4 | 26 |
| 3.3              | 29.0               | 12.7 | 20.6 | 26 | 26.0               | 13.3 | 22.8 | 31 | 29.0               | 17.8 | 27.2 | 26 |
| 3.9              | 29.0               | 13.8 | 21.7 | 26 | 26.0               | 14.5 | 24.0 | 31 |                    |      |      |    |
| 4.7              | 29.0               | 15.2 | 23.1 | 26 | 26.0               | 16.0 | 25.5 | 31 |                    |      |      |    |
| 5.6              | 29.0               | 16.6 | 24.5 | 26 | 26.0               | 17.6 | 27.0 | 31 |                    |      |      |    |
| 6.8              | 29.0               | 18.4 | 26.2 | 26 | 26.0               | 19.5 | 28.9 | 31 |                    |      |      |    |

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