

盒式金属化聚酯膜电容器

(MEB/CL21B) 规格书

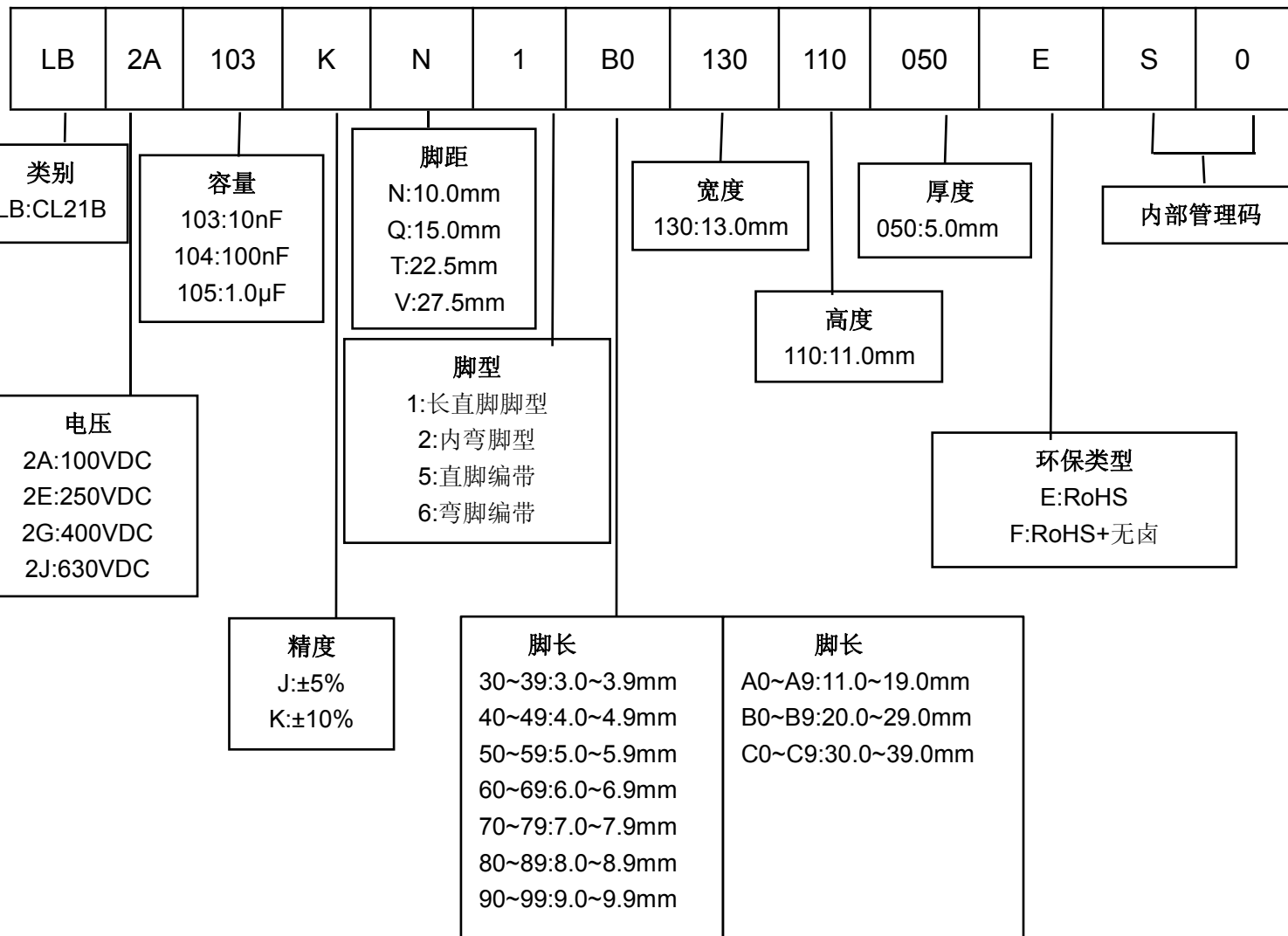
特点

- 电容器容量范围从 0.01 μ F 到 2.2 μ F。
- 工作温度：-40 $^{\circ}$ C ~ 125 $^{\circ}$ C。
- 储存温度：15 $^{\circ}$ C ~ 35 $^{\circ}$ C。
- 有自愈的性能。
- 高阻抗。
- 良好的可焊性。
- 阻燃性外盒和阻燃性树脂。
- 金属化聚酯膜，无感结构。

用途

- 旁路，隔直，耦合，退耦。
- 脉冲，定时，振荡电路。

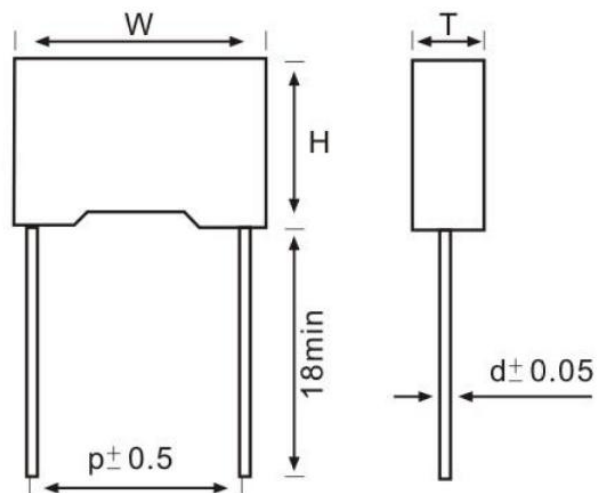
料号编码原则



技术要求

| | |
|-------|--|
| 气候类别 | 40/100/56 |
| 额定电压 | 100VDC、250VDC、400VDC、630VDC |
| 损耗角正切 | ≤1.0%(1KHz、1.0Vrms、20℃) |
| 耐电压 | 1.6U _R (5s) |
| 绝缘电阻 | >100V(AT 100VDC 60S) C≤0.33μF, IR≥30000MΩ C>0.33μF, IR≥10000S ≤100V(AT 10VDC 60S) C≤0.33μF, IR≥15000MΩ C>0.33μF, IR≥5000S 注: T[s]=I.R.[MΩ]*C _N [μF] |

外形尺寸 (mm) 和认证

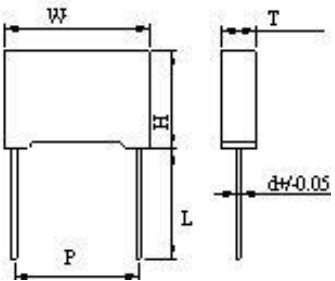
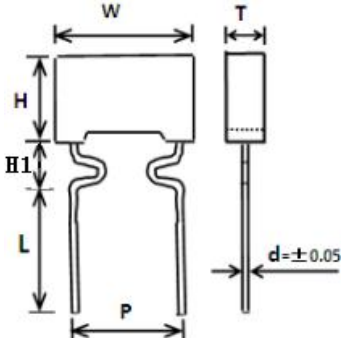


| 容量(μF) | 电压 | 尺寸 (mm) | | | | |
|--------|--------|---------|-------|-------|-------|--------|
| | | W±0.5 | H±0.5 | T±0.5 | P±1.0 | d±0.05 |
| 0.01 | 100VDC | 13.0 | 11.0 | 5.0 | 10.0 | 0.6 |
| | 250VDC | 13.0 | 11.0 | 5.0 | 10.0 | 0.6 |
| | 400VDC | 13.0 | 11.0 | 5.0 | 10.0 | 0.6 |
| | 630VDC | 13.0 | 11.0 | 5.0 | 10.0 | 0.6 |
| 0.015 | 100VDC | 13.0 | 11.0 | 5.0 | 10.0 | 0.6 |
| | 250VDC | 13.0 | 11.0 | 5.0 | 10.0 | 0.6 |
| | 400VDC | 13.0 | 11.0 | 5.0 | 10.0 | 0.6 |
| | 630VDC | 13.0 | 11.0 | 5.0 | 10.0 | 0.6 |
| 0.022 | 100VDC | 13.0 | 11.0 | 5.0 | 10.0 | 0.6 |
| | 250VDC | 13.0 | 11.0 | 5.0 | 10.0 | 0.6 |
| | 400VDC | 13.0 | 11.0 | 5.0 | 10.0 | 0.6 |
| | 630VDC | 13.0 | 11.0 | 5.0 | 10.0 | 0.6 |
| 0.033 | 100VDC | 13.0 | 11.0 | 5.0 | 10.0 | 0.6 |
| | 250VDC | 13.0 | 11.0 | 5.0 | 10.0 | 0.6 |
| | 400VDC | 13.0 | 11.0 | 5.0 | 10.0 | 0.6 |
| | 630VDC | 13.0 | 11.0 | 5.0 | 10.0 | 0.6 |
| 0.047 | 100VDC | 13.0 | 11.0 | 5.0 | 10.0 | 0.6 |
| | 250VDC | 13.0 | 11.0 | 5.0 | 10.0 | 0.6 |
| | 400VDC | 13.0 | 11.0 | 5.0 | 10.0 | 0.6 |
| | 630VDC | 13.0 | 11.0 | 5.0 | 10.0 | 0.6 |

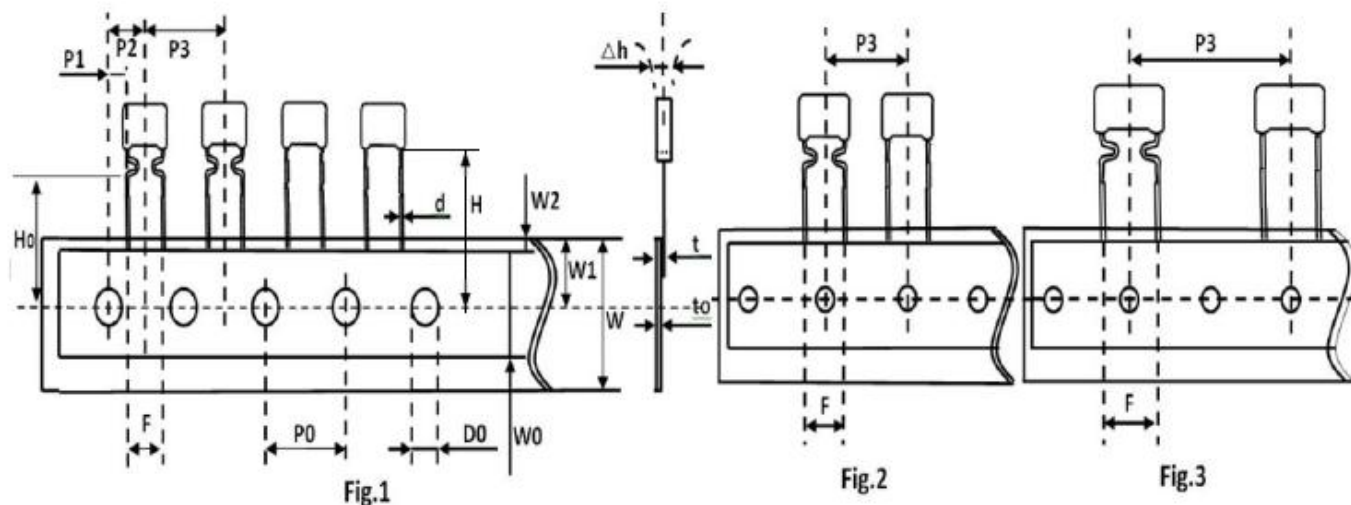
| 容量(μF) | 电压 | 尺寸 (mm) | | | | |
|---------------------|--------|-------------|-------------|-------------|-------------|--------------|
| | | W \pm 0.5 | H \pm 0.5 | T \pm 0.5 | P \pm 1.0 | d \pm 0.05 |
| 0.068 | 100VDC | 13.0 | 11.0 | 5.0 | 10.0 | 0.6 |
| | 250VDC | 13.0 | 11.0 | 5.0 | 10.0 | 0.6 |
| | 400VDC | 13.0 | 11.0 | 5.0 | 10.0 | 0.6 |
| | 630VDC | 13.0 | 12.0 | 6.0 | 10.0 | 0.6 |
| 0.1 | 100VDC | 13.0 | 11.0 | 5.0 | 10.0 | 0.6 |
| | 250VDC | 13.0 | 11.0 | 5.0 | 10.0 | 0.6 |
| | 400VDC | 13.0 | 11.0 | 5.0 | 10.0 | 0.6 |
| | 630VDC | 18.0 | 11.0 | 6.0 | 15.0 | 0.8 |
| 0.15 | 100VDC | 13.0 | 11.0 | 5.0 | 10.0 | 0.6 |
| | 250VDC | 13.0 | 11.0 | 5.0 | 10.0 | 0.6 |
| | 400VDC | 13.0 | 11.0 | 5.0 | 10.0 | 0.6 |
| | 630VDC | 18.0 | 12.0 | 6.0 | 15.0 | 0.8 |
| 0.22 | 100VDC | 13.0 | 11.0 | 5.0 | 10.0 | 0.6 |
| | 250VDC | 13.0 | 12.0 | 6.0 | 10.0 | 0.6 |
| | 400VDC | 18.0 | 13.5 | 7.5 | 15.0 | 0.8 |
| | 630VDC | 18.0 | 13.5 | 7.5 | 15.0 | 0.8 |
| 0.33 | 100VDC | 13.0 | 11.0 | 5.0 | 10.0 | 0.6 |
| | 250VDC | 18.0 | 12.0 | 6.0 | 15.0 | 0.8 |
| | 400VDC | 18.0 | 12.0 | 6.0 | 15.0 | 0.8 |
| | 630VDC | 18.0 | 16.0 | 10.0 | 15.0 | 0.8 |
| 0.47 | 100VDC | 13.0 | 11.0 | 5.0 | 10.0 | 0.6 |
| | 250VDC | 18.0 | 12.0 | 6.0 | 15.0 | 0.8 |
| | 400VDC | 18.0 | 14.5 | 8.5 | 15.0 | 0.8 |
| | 630VDC | 26.5 | 17.0 | 8.5 | 22.5 | 0.8 |
| 0.68 | 100VDC | 13.0 | 12.0 | 6.0 | 10.0 | 0.6 |
| | 250VDC | 18.0 | 13.5 | 7.5 | 15.0 | 0.8 |
| | 400VDC | 18.0 | 16.0 | 10.0 | 15.0 | 0.8 |
| | 630VDC | 26.5 | 19.0 | 10.0 | 22.5 | 0.8 |
| 1.0 | 100VDC | 13.0 | 12.0 | 6.0 | 10.0 | 0.6 |
| | 250VDC | 18.0 | 14.5 | 8.5 | 15.0 | 0.8 |
| | 400VDC | 26.5 | 17.0 | 8.5 | 22.5 | 0.8 |
| | 630VDC | 26.5 | 22.0 | 12.0 | 22.5 | 0.8 |
| 1.5 | 100VDC | 18.0 | 12.0 | 6.0 | 15.0 | 0.8 |
| | 250VDC | 18.0 | 19.0 | 11.0 | 15.0 | 0.8 |
| | 400VDC | 26.5 | 19.0 | 10.0 | 22.5 | 0.8 |
| | 630VDC | 32.0 | 22.0 | 13.0 | 27.5 | 0.8 |

| 容量(uF) | 电压 | 尺寸 (mm) | | | | |
|--------|--------|---------|-------|-------|-------|--------|
| | | W±0.5 | H±0.5 | T±0.5 | P±1.0 | d±0.05 |
| 2.2 | 100VDC | 26.5 | 19.0 | 10.0 | 22.5 | 0.8 |
| | 250VDC | 26.5 | 19.0 | 10.0 | 22.5 | 0.8 |
| | 400VDC | 32.0 | 20.0 | 11.0 | 27.5 | 0.8 |

脚型、脚长说明

| 脚型 | 图示 | 脚长 L (mm) | 高度 H1(mm) |
|-------|--|--|---|
| 长直脚脚型 |  | ① $[2.5 \leq L < 6.0] \pm 0.5$; ② $[6.0 \leq L \leq 10] \pm 1.0$ | / |
| 内弯脚型 |  | ① $[2.5 \leq L < 6.0] \pm 0.5$; ② $[6.0 \leq L \leq 10] \pm 1.0$ | 脚距 $P > 10\text{mm}$: $H1 < 6.0\text{mm}$ 脚距 $P \leq 10\text{mm}$: $H1 < 5.0\text{mm}$ |

编带尺寸 (mm)



| 代码 | Fig.1 | Fig.2 | Fig.2 | Fig.3 | Fig.3 | 误差 |
|----|-------|-------|-------|-------|-----------|-----------|
| | P=5.0 | P=7.5 | P=10 | P=15 | P=20/22.5 | |
| P3 | 12.7 | 12.7 | 12.7 | 25.4 | 30.0 | ±1.0 |
| P2 | 6.35 | / | / | / | / | ±1.3 |
| P0 | 12.7 | 12.7 | 12.7 | 12.7 | 15.0 | ±0.3 |
| P1 | 3.85 | / | / | / | / | ±0.7 |
| F | 5.0 | 7.5 | 10.0 | 15.0 | 20.0/22.5 | ±1.0 |
| H | 20.0 | 20.0 | 20.0 | 20.0 | 20.0 | ±1.0 |
| H0 | 16.5 | 16.5 | 16.5 | 16.5 | 16.5 | ±0.5 |
| Δh | 0 | 0 | 0 | 0 | 0 | ±2.0 |
| W | 18.0 | 18.0 | 18.0 | 18.0 | 18.0 | +1.0/-0.5 |
| W0 | 12.0 | 12.0 | 12.0 | 12.0 | 12.0 | ±1.0 |
| W1 | 9.0 | 9.0 | 9.0 | 9.0 | 9.0 | ±0.5 |
| W2 | 3.0 | 3.0 | 3.0 | 3.0 | 3.0 | Max |
| D0 | 4.0 | 4.0 | 4.0 | 4.0 | 4.0 | ±0.3 |
| d | 0.5 | 0.6 | 0.6 | 0.8 | 0.8 | ±0.05 |
| t | 1.0 | 1.1 | 1.1 | 1.4 | 1.4 | ±0.2 |
| t0 | 0.38 | 0.38 | 0.38 | 0.47 | 0.47 | ±0.04 |