

## (CL21) 金属化聚酯膜电容器（包封型）规格书

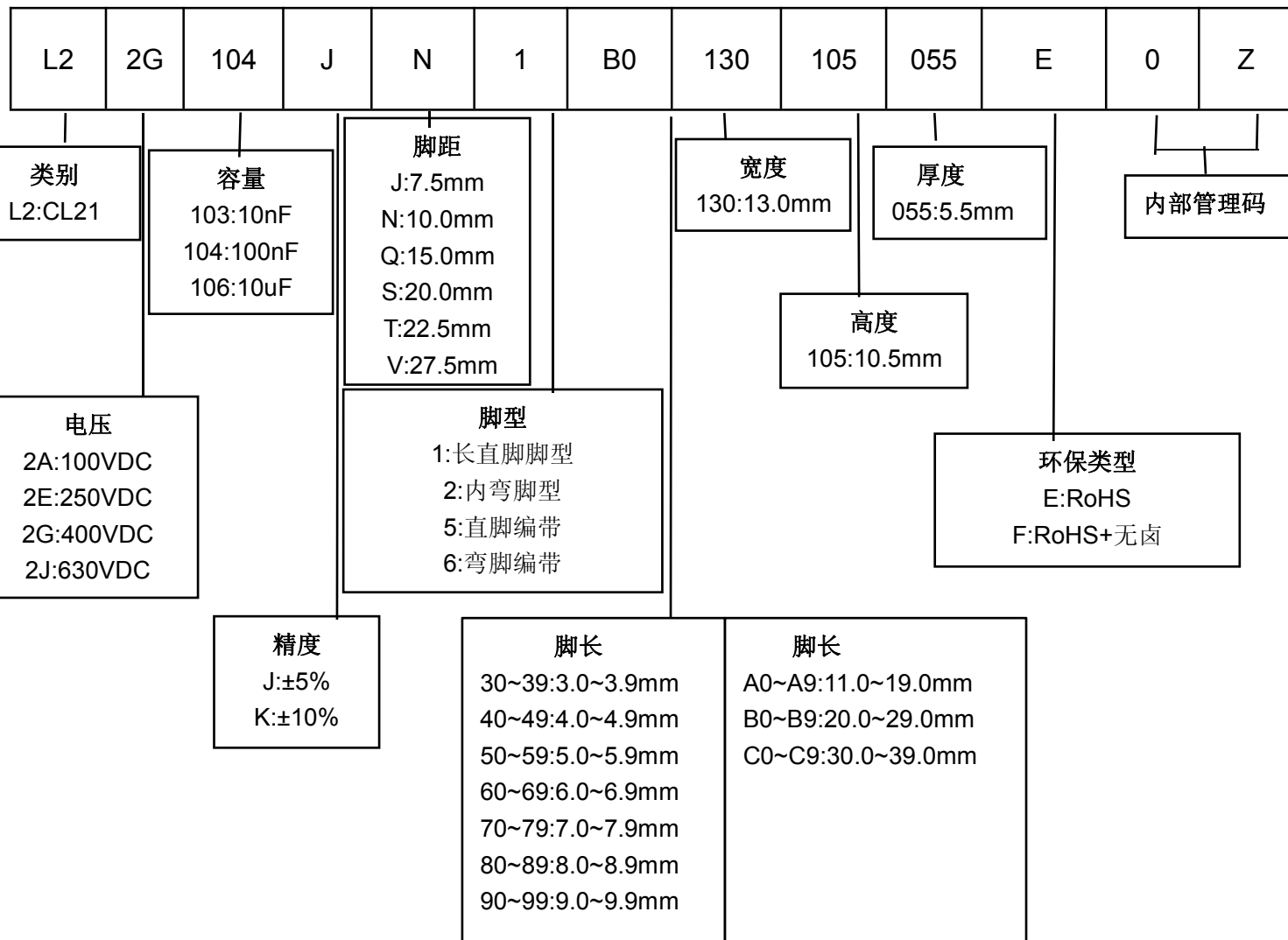
### 特点

- 电容器容量范围从 0.01uF 到 10.0uF。
- 工作温度：-40℃~105℃
- 储存温度：15℃~35℃
- 容量范围宽，体积小。
- 金属化聚酯膜，无感结构。
- 自愈的性能好，寿命长。
- 环氧树脂包封。

### 用途

- 适用于旁路，隔直和耦合。
- 广泛用于滤波，低脉冲线路。
- 适用于各种高温节能灯具。

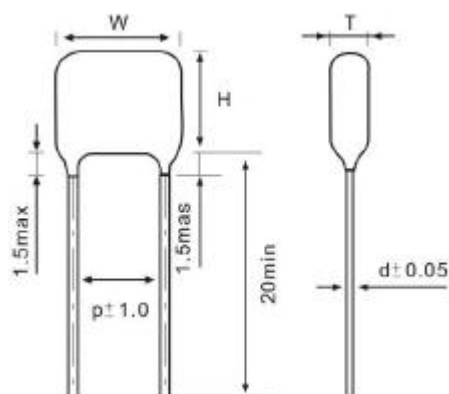
## 料号编码原则



## 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 <sub>R</sub> (5s)
绝缘电阻	U <sub>R</sub> > 100V C ≤ 0.33uF, IR ≥ 30000MΩ C > 0.33uF, IR ≥ 10000S U <sub>R</sub> ≤ 100V C ≤ 0.33uF, IR ≥ 15000MΩ C > 0.33uF, IR ≥ 5000S (AT 100VDC、60SEC、20℃)

## 外形尺寸 (mm)

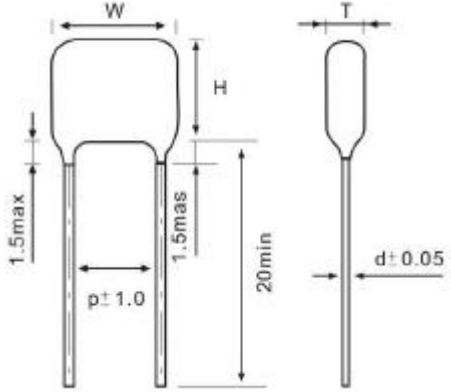
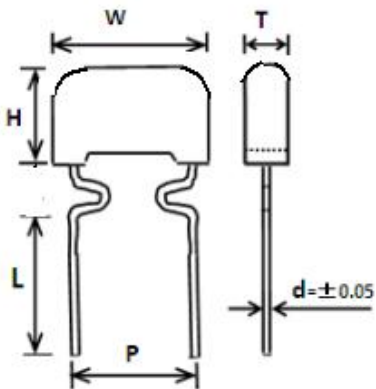


容量( $\mu\text{F}$ )	电压	尺寸(mm)				
		W Max	H Max	T Max	$P \pm 1.0$	$d \pm 0.05$
0.01	100VDC	10.0	8.0	4.5	7.5	0.6
	250VDC	10.0	8.0	4.5	7.5	0.6
	400VDC	10.0	8.0	4.5	7.5	0.6
	630VDC	13.0	8.5	5.5	10.0	0.6
0.015	100VDC	10.0	8.5	5.0	7.5	0.6
	250VDC	10.0	8.5	5.0	7.5	0.6
	400VDC	10.0	8.5	5.0	7.5	0.6
	630VDC	13.0	9.5	6.0	10.0	0.6
0.022	100VDC	10.0	8.0	5.0	7.5	0.6
	250VDC	10.0	8.0	5.0	7.5	0.6
	400VDC	13.0	9.5	5.5	10.0	0.6
	630VDC	13.0	9.5	5.5	10.0	0.6
0.033	100VDC	10.0	8.5	5.0	7.5	0.6
	250VDC	10.0	8.5	5.0	7.5	0.6
	400VDC	13.0	9.5	5.5	10.0	0.6
	630VDC	13.0	9.5	5.5	10.0	0.6
0.047	100VDC	10.0	8.5	5.0	7.5	0.6
	250VDC	10.0	9.0	5.5	7.5	0.6
	400VDC	13.0	8.0	5.0	10.0	0.6
	630VDC	13.0	9.5	6.5	10.0	0.6
0.068	100VDC	10.0	8.5	5.5	7.5	0.6
	250VDC	10.0	8.5	5.5	7.5	0.6
	400VDC	13.0	9.0	6.0	10.0	0.6
	630VDC	13.0	11.5	7.0	10.0	0.6

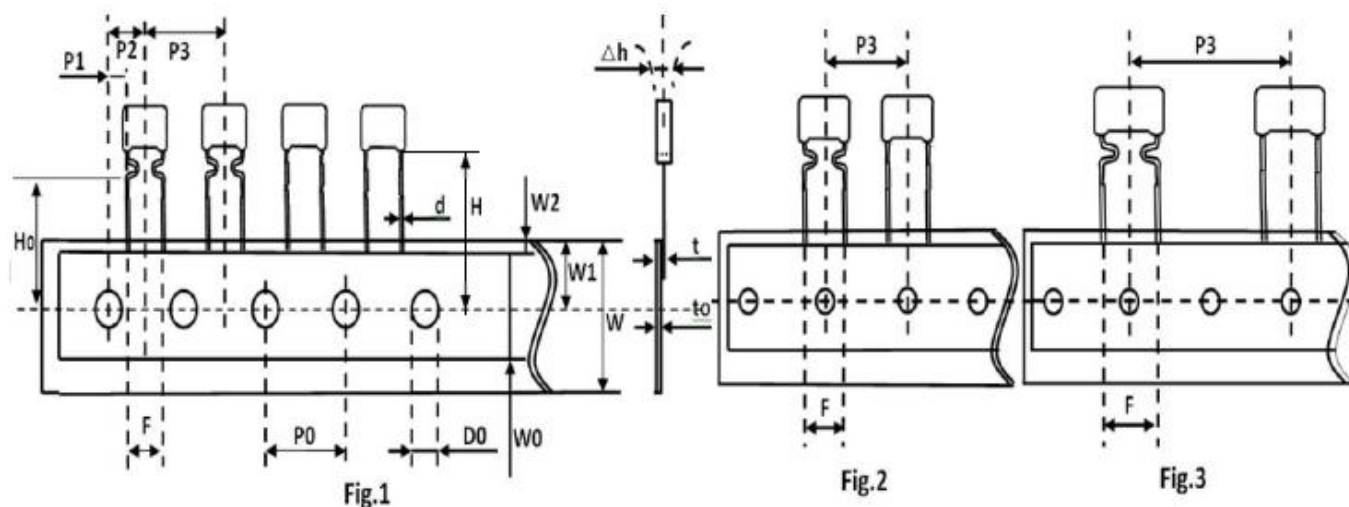
容量(uF)	电压	尺寸(mm)				
		W Max	H Max	T Max	P±1.0	d±0.05
0.1	100VDC	10.0	9.5	5.5	7.5	0.6
	250VDC	13.0	9.5	5.5	10.0	0.6
	400VDC	13.0	10.5	5.5	10.0	0.6
	630VDC	18.0	10.5	6.0	15.0	0.8
0.15	100VDC	13.0	8.5	5.5	10.0	0.6
	250VDC	13.0	10.5	5.0	10.0	0.6
	400VDC	13.0	11.5	7.0	10.0	0.6
	630VDC	18.0	12.0	7.0	15.0	0.8
0.22	100VDC	13.0	8.5	5.5	10.0	0.6
	250VDC	13.0	11.0	6.0	10.0	0.6
	400VDC	18.0	12.0	6.5	15.0	0.8
	630VDC	18.0	13.5	8.0	15.0	0.8
0.33	100VDC	13.0	8.5	5.5	10.0	0.6
	250VDC	18.0	10.5	6.0	15.0	0.8
	400VDC	18.0	12.5	7.0	15.0	0.8
	630VDC	18.0	16.5	9.5	15.0	0.8
0.47	100VDC	13.0	9.0	5.5	10.0	0.6
	250VDC	18.0	12.0	6.5	15.0	0.8
	400VDC	18.0	15.0	8.0	15.0	0.8
	630VDC	23.0	16.5	9.5	20.0	0.8
0.68	100VDC	13.0	10.0	6.0	10.0	0.6
	250VDC	18.0	13.5	8.0	15.0	0.8
	400VDC	18.0	17.0	9.5	15.0	0.8
	630VDC	23.0	18.0	11.0	20.0	0.8
1.0	100VDC	18.0	13.0	7.5	15.0	0.8
	250VDC	18.0	15.5	9.5	15.0	0.8
	400VDC	23.0	17.5	9.5	20.0	0.8
	630VDC	25.0	20.0	12.5	22.5	0.8
1.2	100VDC	18.0	12.0	7.0	15.0	0.8
	250VDC	23.0	15.0	8.0	20.0	0.8
	400VDC	23.0	18.5	10.5	20.0	0.8
	630VDC	31.0	21.0	12.0	27.5	0.8
1.5	100VDC	18.0	12.5	7.5	15.0	0.8
	250VDC	23.0	16.5	9.0	20.0	0.8
	400VDC	25.0	19.0	10.5	22.5	0.8
	630VDC	31.0	22.5	13.5	27.5	0.8

容量(uF)	电压	尺寸(mm)				
		W Max	H Max	T Max	P ± 1.0	d ± 0.05
2.2	100VDC	18.0	16.0	10.0	15.0	0.8
	250VDC	23.0	20.0	9.0	20.0	0.8
	400VDC	31.0	20.0	11.0	27.5	0.8
3.3	100VDC	23.0	15.5	8.5	20.0	0.8
	250VDC	25.0	21.0	11.5	22.5	0.8
	400VDC	31.0	23.0	13.5	27.5	0.8
4.7	100VDC	23.0	17.0	10.0	20.0	0.8
	250VDC	31.0	22.0	12.5	27.5	0.8
6.8	100VDC	25.0	18.0	12.0	22.5	0.8
10.0	100VDC	31.0	19.0	12.0	27.5	0.8

脚型、脚长说明

脚型	图示	脚长 L (mm)
长直脚型		<p>①[2.5≤L&lt;6.0]±0.5; ②[6.0≤L≤10]±1.0</p>
内弯脚型		<p>①[2.5≤L&lt;6.0]±0.5; ②[6.0≤L≤10]±1.0</p>

## 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