

CL21X

Metallized Polyester Film Capacitors

金属化聚酯膜电容器

CL21X



产品特点.Characteristics

- 金属化聚酯膜材质；
 - 无感卷绕结构；
 - 环氧树脂封装；
 - 引线直接点焊于电极；
 - 体积小, 重量轻；
- Metallized polyester film dielectric
 - Non-inductive winding structure
 - Epoxy resin encapsulation
 - Spot welding of lead wire to electrode directly
 - Small size and light weight

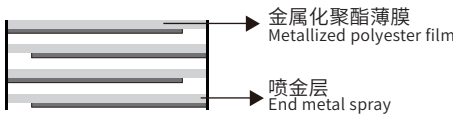
产品应用.Application

- 应用于脉冲、定时、旁路、隔直、耦合等电路中；
- Used in Bypass, Straight, Coupling, Pulse, Timing Circuits, etc.

性能参数.Technical Data

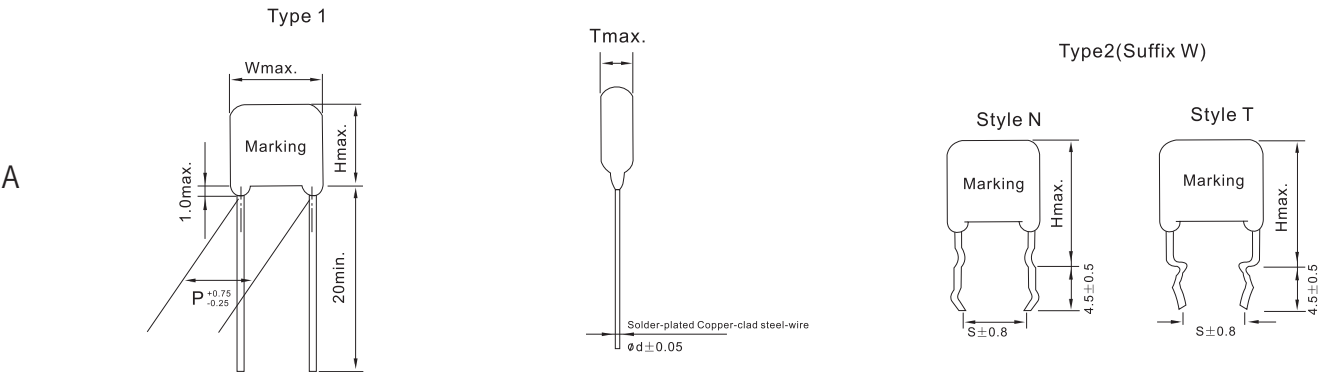
● 引用标准 Reference Standards	GB/T 7332(IEC 60384-2)		
● 气候类别 Climate Category	40/85/21		
● 工作温度范围Operating Temperature Range	-40℃~85℃ Tmax105℃		
● 额定电压Rated Voltage	100VDC、250VDC、400VDC、630VDC		
● 电容量范围Capacitance Range	0.01μF~10 μF		
● 电容量偏差Capacity Tolerance	±5%(J) ; ±10%(K) ; ±20% (M)		
● 耐电压Withstand Voltage	V _{tt} : 1.6UN 5S (at20±5℃)		
● 损耗角正切Dissipation Factor	tgδ≤0.0100 (20℃, 1KHz)		
	tgδ≤0.0150 (20℃, 10KHz)		
● 绝缘电阻Insulation Resistance (at20℃ 100VDC 1Min)	C≤0.33μF R≥30000MΩ(at20℃ 100VDC 1Min)		
	C>0.33 μF RCN≥10000S (at20℃ 100VDC 1Min)		
● 最大脉冲爬升速度Maximum Pulse Rise Time(dV/dt)	U _N (V)	dv/dt(V/μS)	
		P=5.0mm	P=7.5mm
	50VDC	30	20
	63VDC	30	20
	100VDC	40	25

结构图.Construction Diagram

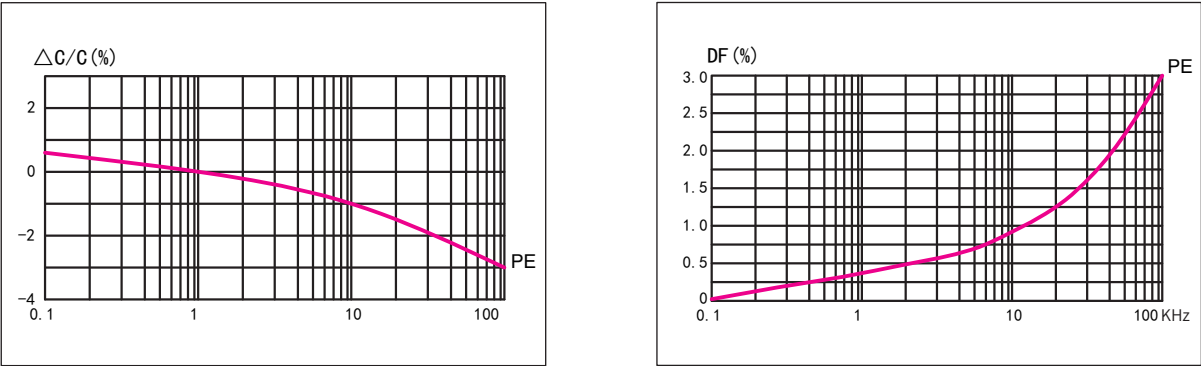


CL21X Metallized Polyester Film Capacitors

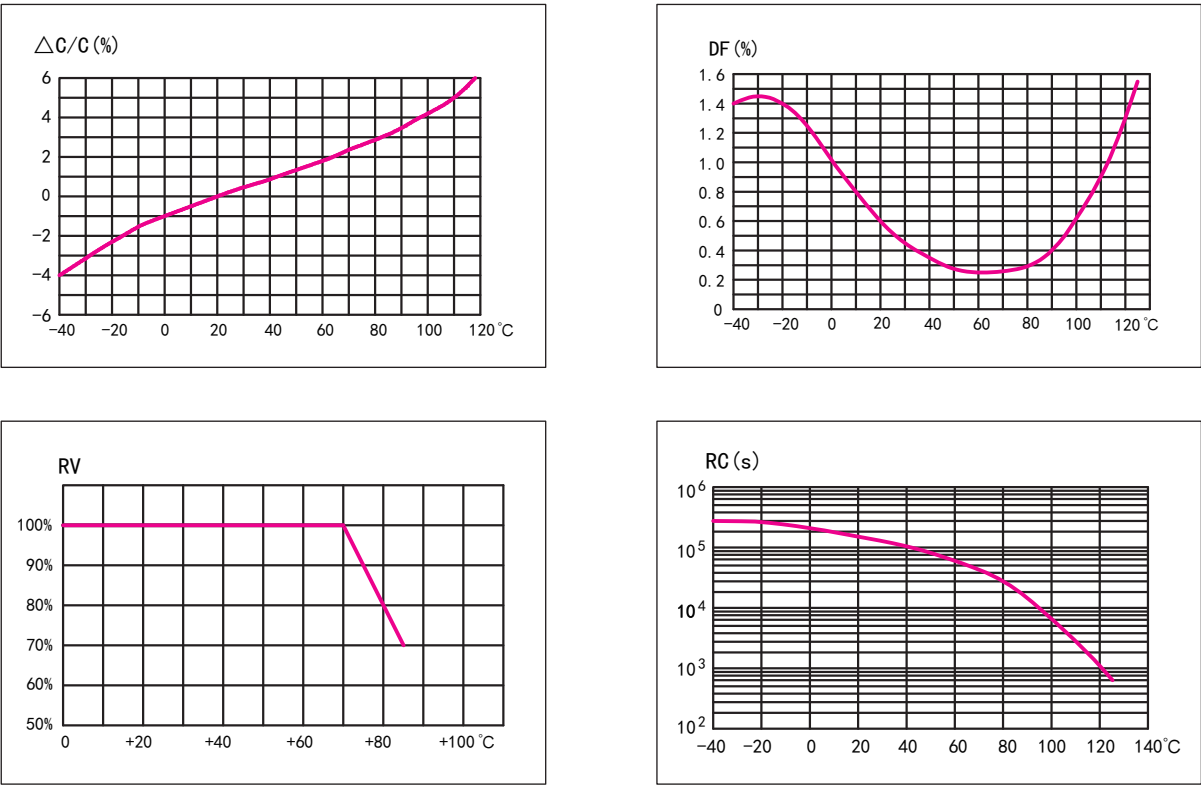
产品外形.Product Shape



频率特性.Temperature Characteristics



温度特性.Frequency Characteristics



CL21XMetallized Polyester Film Capacitors

参数表.Article Table

Capacity (μF)	Rated Voltage /额定电压(V) 63V （100V）								
	L(W) (max)	T (max)	H(max)		F	S	φd	最小包装数量 Quantity	
			Type1	Type2	Type1 直脚	Type2 打弯		Ammo	Reel
0.0010	7.2	3.6	6.5	9.5	5.0	5.0	0.5	1000	2500
0.0012	7.2	3.6	6.5	9.5	5.0	5.0	0.5	1000	2500
0.0015	7.2	3.6	6.5	9.5	5.0	5.0	0.5	1000	2500
0.0018	7.2	3.6	6.5	9.5	5.0	5.0	0.5	1000	2500
0.0022	7.2	3.6	6.5	9.5	5.0	5.0	0.5	1000	2500
0.0027	7.2	3.6	6.5	9.5	5.0	5.0	0.5	1000	2500
0.0033	7.2	3.6	6.5	9.5	5.0	5.0	0.5	1000	2500
0.0039	7.2	3.6	6.5	9.5	5.0	5.0	0.5	1000	2500
0.0047	7.2	3.6	6.5	9.5	5.0	5.0	0.5	1000	2500
0.0056	7.2	3.6	6.5	9.5	5.0	5.0	0.5	1000	2500
0.0068	7.2	3.6	6.5	9.5	5.0	5.0	0.5	1000	2500
0.0082	7.2	3.6	6.5	9.5	5.0	5.0	0.5	1000	2500
0.0100	7.2	3.6	6.5	9.5	5.0	5.0	0.5	1000	2500
0.0120	7.2	3.6	6.5	9.5	5.0	5.0	0.5	1000	2500
0.0150	7.2	3.6	6.5	9.5	5.0	5.0	0.5	1000	2500
0.0180	7.2	3.6	6.5	9.5	5.0	5.0	0.5	1000	2500
0.0220	7.2	3.6	6.5	9.5	5.0	5.0	0.5	1000	2500
0.0270	7.2	3.6	6.5	9.5	5.0	5.0	0.5	1000	2500
0.0330	7.2	3.6	6.5	9.5	5.0	5.0	0.5	1000	2500
0.0390	7.2	3.6	6.5	9.5	5.0	5.0	0.5	1000	2500
0.0470	7.2	3.6	6.5	9.5	5.0	5.0	0.5	1000	2500
0.0560	7.2	3.6	6.5	9.5	5.0	5.0	0.5	1000	2500
0.0680	7.2	3.6	6.5	9.5	5.0	5.0	0.5	1000	2500
0.0820	7.2	3.6	6.5	9.5	5.0	5.0	0.5	1000	2500
0.1000	7.2	3.6	6.5	9.5	5.0	5.0	0.5	1000	2500
0.1200	7.5	4.0	6.5	9.5	5.0	5.0	0.5	1000	2500
0.1500	7.5	4.3	7.0	10.0	5.0	5.0	0.5	1000	2500
0.1800	7.5	4.3	7.0	10.0	5.0	5.0	0.5	1000	2500
0.2200	7.5	4.3	7.0	10.0	7.5	5.0	0.5	1000	2000
0.2700	7.5	4.5	8.0	10.5	7.5	5.0	0.5	500	2000
0.3300	7.5	4.5	8.5	11.5	7.5	5.0	0.5	500	2000
0.3900	7.5	4.5	8.5	12.0	7.5	5.0	0.5	500	2000
0.4700	7.5	5.0	9.0	12.0	7.5	5.0	0.5	500	2000
0.5600	7.5	5.5	9.0	13.0	7.5	5.0	0.5	500	1500
0.6800	7.5	5.7	9.5	13.0	7.5	5.0	0.5	500	1500
0.8200	7.5	6.5	11.0	13.5	7.5	5.0	0.5	500	1500
1.0000	7.5	7.0	13.0	14.0	7.5	5.0	0.5	500	1500

以上表格/图形仅供参考, 以实物为准, (单位:mm)
The above table / graphics are for reference only, subject to the actual product (unit: mm)