

CL20

Axial Metallized Polyester Film Capacitors

轴向金属化聚酯膜电容器

CL20



产品特点.Characteristics

- 金属化聚酯膜材质;
 - 无感卷绕结构;
 - 外包迈拉胶带, 两端灌注阻燃环氧树脂;
 - 径向镀锡铜线引出;
 - 耐压高, 耐温性好
- Metallized polyester film dielectric
 - Non-inductive winding structure
 - Myra tape pack, flame retardant epoxy resin both ends
 - Radial tin plated copper wire
 - High pressure and high temperature resistance

产品应用.Application

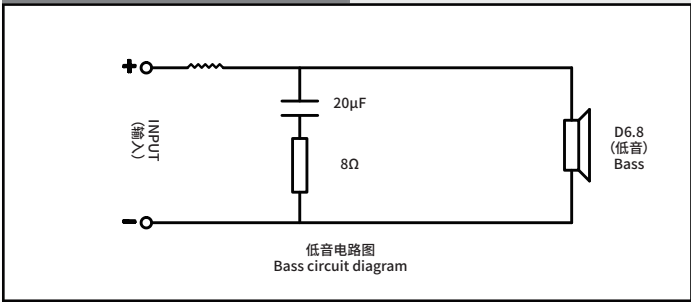
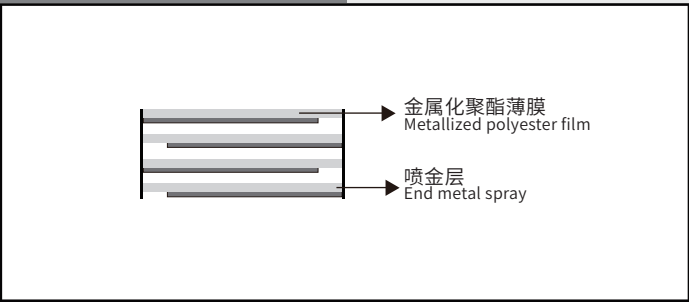
- 温度补偿电路;
 - 定时振动电路;
 - 音响分频电路。
- Temperature compensating circuit
 - Timing oscillation circuit
 - Audio frequency division circuit

性能参数.Technical Data

● 引用标准 Reference Standards	IGB/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℃ Tmax 105℃					
● 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Cap.Tor	±5%(J); ±10%(K); ±20% (M)					
● 耐电压Withstand voltage	1.6U _N (5S)					
● 损耗角正切Dissipation factor	tgδ≤0.0100 (20℃, 1KHz)					
● 绝缘电阻Insulation resistance	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				
		L=11mm	L=14mm	L=19mm	L=27mm	L=33mm
	100/250VDC	5	6	3	2	1
	400VDC	10	14	10	7	3
	630VDC	15	20	15	10	5

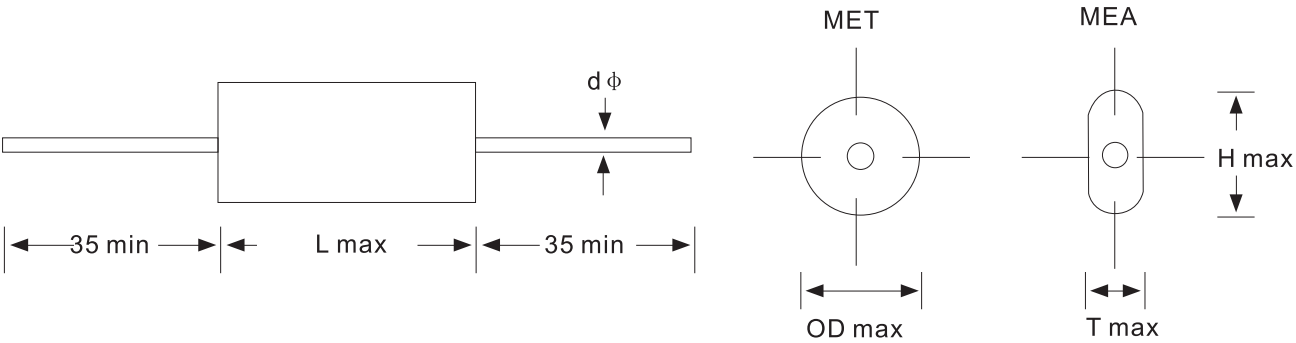
结构图.Construction Diagram

典型线路图.Typical Circuit

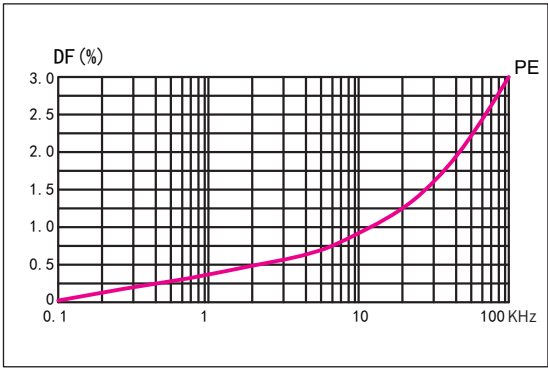
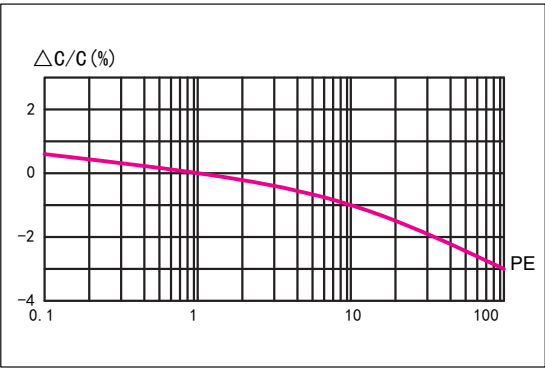


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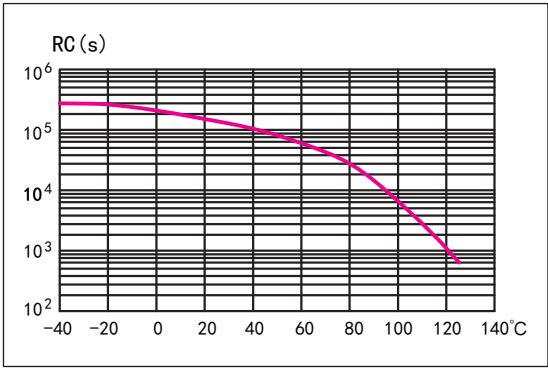
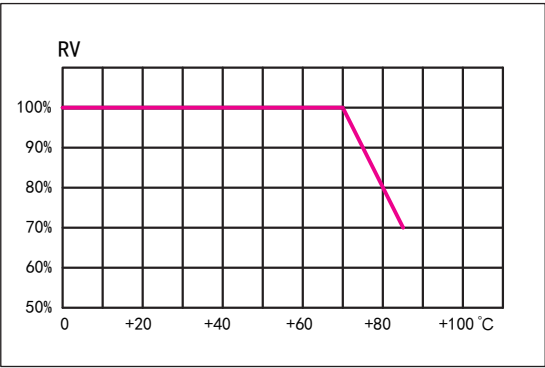
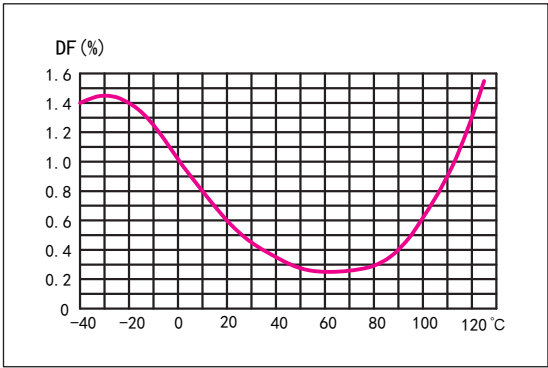
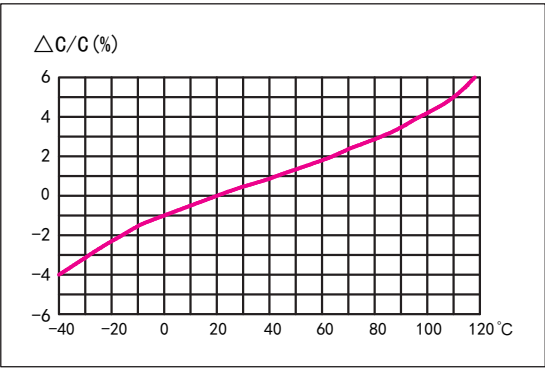
产品外形.Product Shape



频率特性.Temperature Characteristics



温度特性.Frequency Characteristics



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参数表.Article Table

MET		Unit: mm											
SIZE	Un	100VDC			250VDC			400VDC			630VDC		
		OD	L	dΦ	OD	L	dΦ	OD	L	dΦ	OD	L	dΦ
0.01	μ F	5.0	11.0	0.6	5.0	11.0	0.6	5.0	11.0	0.6	6.0	14.0	0.6
0.015		5.0	11.0	0.6	5.0	11.0	0.6	5.5	14.0	0.6	6.5	14.0	0.6
0.022		5.0	11.0	0.6	5.0	11.0	0.6	6.0	14.0	0.6	7.0	14.0	0.6
0.033		5.0	11.0	0.6	5.0	11.0	0.6	6.5	14.0	0.6	8.0	19.0	0.6
0.047		5.0	11.0	0.6	5.5	11.0	0.6	7.0	14.0	0.6	8.0	19.0	0.6
0.068		5.0	11.0	0.6	6.0	14.0	0.6	7.5	19.0	0.6	9.0	19.0	0.8
0.1		5.5	14.0	0.6	7.0	14.0	0.6	8.0	19.0	0.6	9.0	27.0	0.8
0.15		6.0	14.0	0.6	8.5	14.0	0.8	9.0	19.0	0.8	10.5	27.0	0.8
0.22		6.5	14.0	0.6	8.0	19.0	0.6	8.5	27.0	0.8	12.0	27.0	0.8
0.33		7.0	14.0	0.6	9.0	19.0	0.8	10.0	27.0	0.8	13.0	33.0	0.8
0.47		7.5	19.0	0.6	9.5	19.0	0.8	12.5	27.0	0.8	15.0	33.0	0.8
0.68		8.0	19.0	0.6	10.0	27.0	0.8	12.5	33.0	0.8	18.0	33.0	0.8
1.0		10.0	19.0	0.8	11.5	27.0	0.8	14.5	33.0	0.8	21.0	38.0	0.8
1.5		11.0	27.0	0.8	12.5	27.0	0.8	17.5	33.0	0.8	25.0	38.0	0.8
2.2		12.0	27.0	0.8	14.0	33.0	0.8	20.0	38.0	0.8	28.0	38.0	0.8
3.3		14.0	27.0	0.8	16.0	33.0	0.8	27.0	38.0	0.8			
4.7		15.0	33.0	0.8	20.0	38.0	0.8	30.0	38.0	0.8			
6.8		17.0	33.0	0.8	24.0	38.0	0.8						
10.0		20.0	33.0	0.8	23.0	48.0	0.8						

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)

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参数表.Article Table

MEA

Unit: mm

SIZE Un μF	100VDC				250VDC				400VDC				630VDC			
	L	H	T	dΦ	L	H	T	dΦ	L	H	T	dΦ	L	H	T	dΦ
0.01													14.0	8.0	5.0	0.6
0.015													14.0	9.0	5.5	0.6
0.022													14.0	9.0	6.0	0.6
0.033													19.0	10.0	6.0	0.6
0.047													19.0	10.0	7.0	0.6
0.068													19.0	11.5	7.0	0.6
0.1	14.0	8.0	5.0	0.6	14.0	8.0	5.0	0.6	19.0	10.5	5.5	0.6	19.0	13.5	8.0	0.6
0.15	14.0	8.5	5.0	0.6	14.0	8.5	5.0	0.6	19.0	11.5	6.5	0.6	27.0	14.5	8.0	0.6
0.22	14.0	8.5	5.0	0.6	19.0	9.5	5.5	0.6	19.0	14.0	7.5	0.6	27.0	16.0	9.0	0.8
0.33	14.0	9.0	6.0	0.6	19.0	10.5	6.0	0.6	27.0	13.0	7.5	0.6	33.0	17.5	11.0	0.8
0.47	19.0	9.5	5.0	0.6	19.0	11.5	7.0	0.6	27.0	17.0	8.5	0.8	33.0	21.0	12.0	0.8
0.68	19.0	10.5	6.0	0.6	27.0	12.5	7.0	0.6	27.0	16.5	8.5	0.8	38.0	23.0	13.0	0.8
1.0	19.0	12.0	7.0	0.6	27.0	15.0	8.0	0.6	33.0	19.0	9.5	0.8	38.0	26.0	15.0	0.8
1.5	27.0	12.5	6.0	0.6	33.0	16.5	9.5	0.8	33.0	22.0	13.0	0.8	38.0	30.0	18.5	0.8
2.2	27.0	14.0	8.0	0.6	33.0	17.5	11.5	0.8	38.0	24.0	16.0	0.8	38.0	32.0	22.0	0.8
3.3	27.0	16.0	10.0	0.8	33.0	21.0	12.5	0.8	38.0	28.0	17.0	0.8	48.0	35.0	23.0	0.8
4.7	33.0	18.0	11.5	0.8	33.0	24.0	14.5	0.8	48.0	28.0	18.0	0.8				
6.8	33.0	20.0	12.0	0.8	38.0	25.0	15.0	0.8	48.0	33.0	23.0	0.8				
10.0	33.0	23.5	15.0	0.8	48.0	30.0	18.0	0.8								

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