

CBB20 Axial Metallized Polypropylene Film Capacitors

轴向金属化聚丙烯膜电容器
CBB20



产品特点.Characteristics

- 金属化聚丙烯膜材质;
 - 无感卷绕结构;
 - 外包迈拉胶带, 两端灌注阻燃环氧树脂;
 - 轴向镀锡铜线引出;
 - 耐压高, 损耗(tgδ)小, 温升低
- Metallized polypropylene film dielectric
 - Non-inductive winding structure
 - Myla tape with flame retardant epoxy resin at both ends
 - Axial tin copper wire leads
 - Resistance to high voltage, small tgδ, low temperature rise

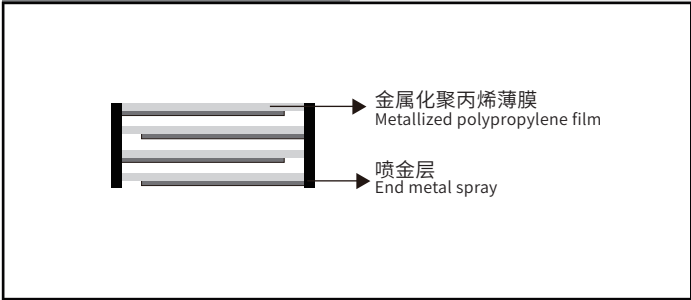
产品应用.Application

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

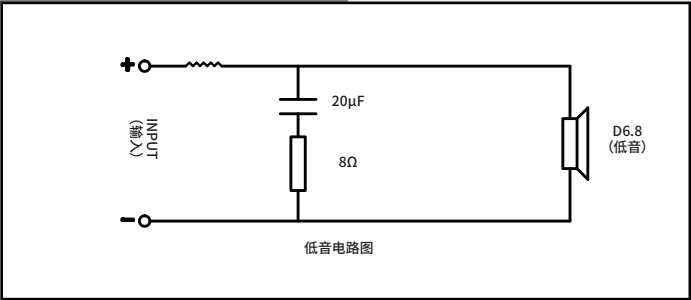
性能参数.Technical Data

● 引用标准 Reference Standards	GB/T 10190(IEC 60384-16)				
● 气候类别 Climate Category	40/085/21				
● 工作温度范围Operating Temperature Range	-40℃~85℃ Tmax 105℃				
● 额定电压Rated Voltage	250VDC、400VDC、630VDC				
● 电容量范围Capacitance Range	0.01μF~20 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≤0.0010 (20℃, 1KHz)				
● 绝缘电阻Insulation Resistance	C≤0.33μF R≥30000MΩ(at 20℃ 100VDC 1Min)				
	C>0.33 μF RCN≥10000S (at 20℃ 100VDC 1Min)				
● 最大脉冲爬升速度Maximum Pulse Rise Time(dV/dt)	U _N (V)	dV/dt			
		L=14mm	L=19mm	L=27mm	L=33mm
					L=44mm
	250VDC	10	8	5	3
	400VDC	15	12	7.5	5
	630VDC	20	16	10	7
					4

结构图.Construction Diagram

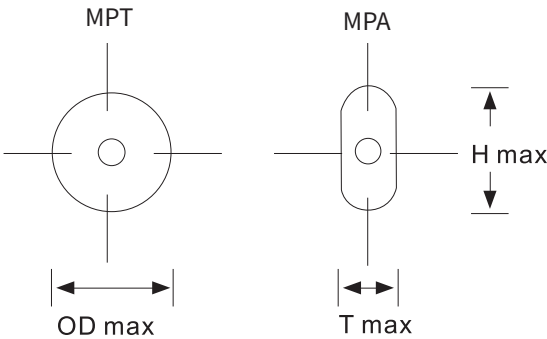
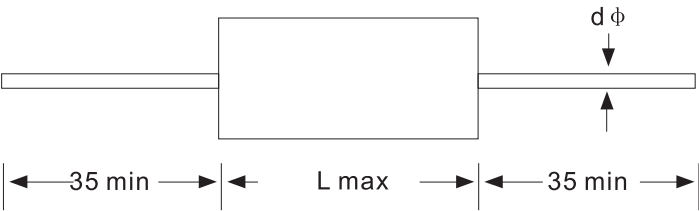


典型线路图.Typical Circuit

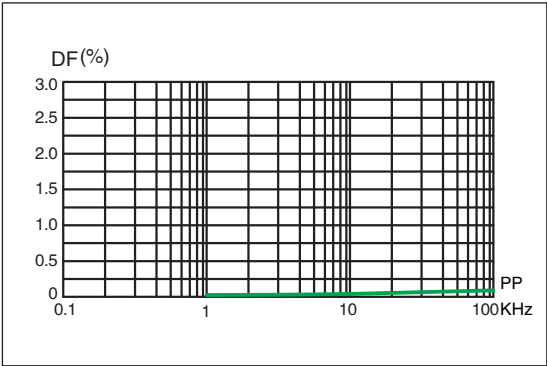
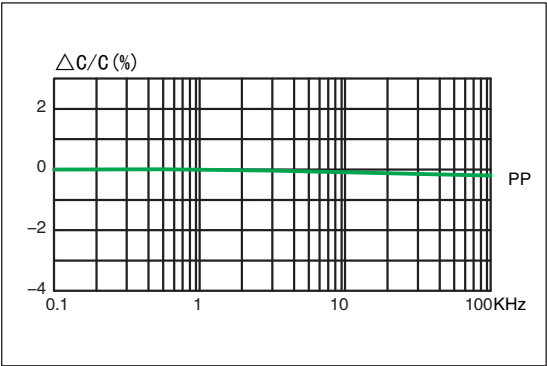


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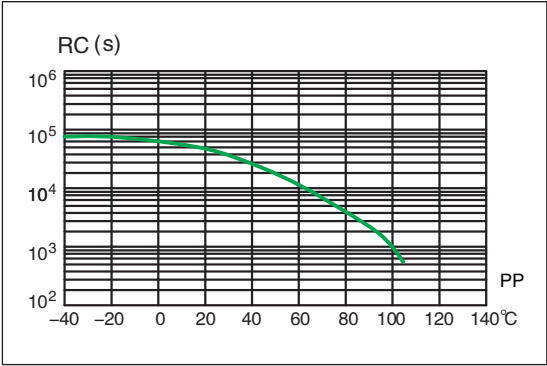
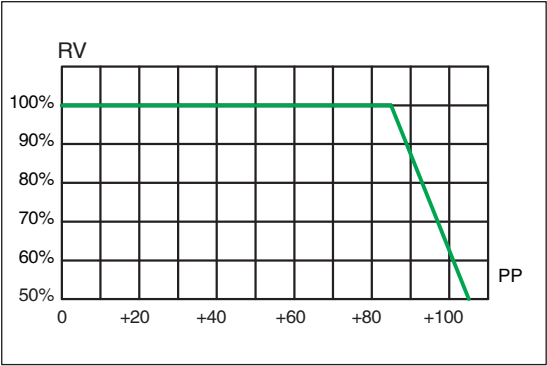
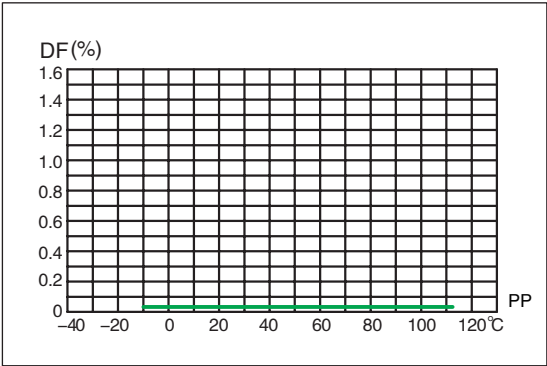
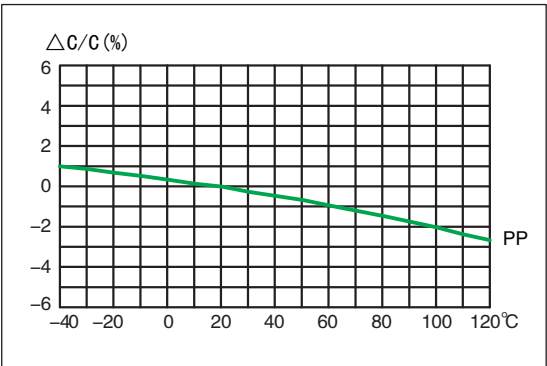
产品外形.Product Shape



频率特性.Temperature Characteristics



温度特性.Frequency Characteristics



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参数表.Article Table

MPT		Unit: mm					
SIZE	Un	100/250VDC		400VDC		630VDC	
		OD	L	OD	L	OD	L
0.01				5.0	14.0	6.5	14.0
0.015				6.0	14.0	7.0	14.0
0.022				7.0	14.0	8.0	14.0
0.033				7.5	14.0	8.0	19.0
0.047		6.5	14.0	8.0	14.0	9.0	19.0
0.068		7.5	14.0	8.0	19.0	10.5	19.0
0.1		8.0	14.0	8.5	19.0	11.0	27.0
0.15		8.0	19.0	10.0	27.0	13.0	27.0
0.22		9.0	19.0	9.5	27.0	13.0	33.0
0.33		10.5	19.0	11.5	27.0	16.0	33.0
0.47		10.5	27.0	13.0	33.0	18.0	33.0
0.68		12.5	27.0	14.5	33.0	20.2	33.0
1.0		13.0	27.0	17.0	33.0	20.0	38.0
1.5		15.0	33.0	20.5	38.0	23.0	44.0
2.2		17.0	33.0	22.0	44.0	26.0	44.0
3.3		19.0	33.0	26.0			
4.7		20.5	38.0				
6.8		23.0	44.0				
10.0		26.0	44.0				

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

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参数表.Article Table

MPA		Unit: mm								
SIZE	Un	100/250VDC			400VDC			630VDC		
		L	H	T	L	H	T	L	H	T
0.01	μ F				14.0	8.0	5.0	14.0	9.0	6.0
0.015					14.0	9.0	5.0	14.0	10.0	6.0
0.022					14.0	10.0	5.5	14.0	11.0	6.5
0.033					14.0	11.0	6.0	19.0	11.5	6.5
0.047		14.0	9.5	5.0	14.0	11.5	6.5	19.0	13.0	7.5
0.068		14.0	10.5	5.5	19.0	12.0	7.0	19.0	14.0	8.5
0.1		14.0	11.0	7.0	19.0	12.5	7.5	19.0	13.0	8.0
0.15		19.0	10.5	6.0	19.0	14.5	8.5	27.0	16.0	9.0
0.22		19.0	11.0	7.0	27.0	15.0	8.0	27.0	17.0	10.5
0.33		19.0	12.5	8.0	27.0	16.0	9.5	33.0	20.0	13.0
0.47		27.0	15.0	8.5	33.0	17.0	10.0	33.0	22.0	14.5
0.68		27.0	16.0	10.0	33.0	18.0	12.0	33.0	23.0	16.0
1.0		33.0	17.5	11.0	33.0	21.0	14.0	38.0	25.0	17.0
1.5		33.0	19.5	13.0	33.0	24.0	16.0	44.0	32.0	21.0
2.2		33.0	20.0	14.0	38.0	30.0	14.0	44.0	37.0	23.0
3.3		33.0	24.0	16.0	44.0	37.0	18.0			
4.7		38.0	26.0	17.0						
6.8		44.0	32.0	17.5						
10.0		44.0	38.0	18.0						

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