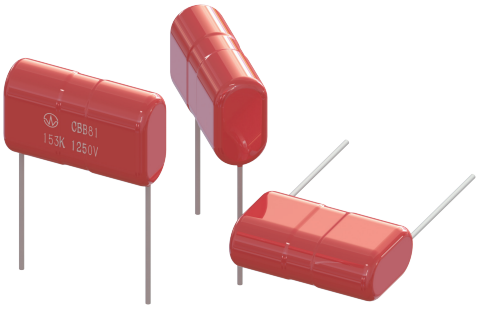
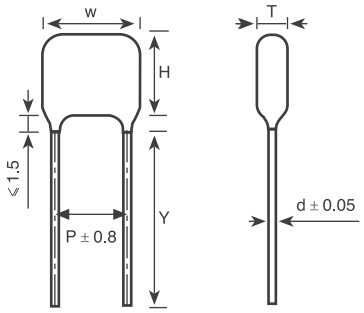
WALSON 万盛

CBB81 高压金属化聚丙烯膜 / 箔式电容器
High-voltagemetallized polypropylene film / foilcapacitor

■ 外形图 Outline Drawing





单位 Unit: mm

■ 特点 Features

- 金属化聚丙烯膜箔式，卷绕结构
- 损耗小，内部温升小
- 负电容量温度系数
- 阻燃环氧粉末包封（UL94/V-0）

- Metallized polypropylene film/ foil, wound construction
- Low loss and small inherent temperature rise
- Negative temperature coefficient of capacitance
- Flame retardant epoxy resin powder coating (UL94/V-0)

■ 主要用途 Typical Applications

- 大屏幕显视器行逆程电路
- 适用于高脉冲，大电流电路
- 适用于电子镇流器

- Horizontal resonance circuits of large screen monitor
- Suitable for high pulse and high current loading circuit
- Suitable for electronic ballast

■ 技术要求 Specifications

引用标准 Reference Standard	GB/T 10190（IEC 60384-16）	
气候类别 Climatic Category	40/105/21	
额定温度 Rated Temperature	85℃	
工作温度范围 Operating Temperature Range	-40℃~105℃	
额定电压 Rated Voltage	630V，800V，1000/1250V，1600V，2000V，2500V	
电容量范围 Capacitance Range	0.0010μF ~ 0.036μF	
电容量偏差 Capacitance Tolerance	±3%（H），±5%（J），±10%（K）	
耐电压 Voltage Proof	1.75U_R（5s）	
损耗角正切 Dissipation Factor	≤10×10^{-4}（1kHz，20℃） ≤20×10^{-4}（10kHz，20℃）	
绝缘电阻 Insulation Resistance	≥25000MΩ（20℃，100V，1min）	
最大脉冲爬升速率 Maximum Pulse Rise Time (dV/dt): 若实际工作电压U比额定电压U_R低，电容器可工作在更高的dV/dt场合，这样dV/dt允许值应为右表值乘以U_R/U。 If the working voltage (U) is lower than the rated voltage (U_R), the capacitor can be worked at a higher dV/dt. In this case, the maximum allowed dV/dt is obtain by multiplying the right value with U_R/U.		
	U_R（V）	dV/dt（V/μs）
		P=15.0
	630/800	11000
	1000/1250	28000
	1600	32000
	2000	35000
	2500	40000

■ 外形尺寸 Dimensions (mm)

630 / 800Vdc (40Vac)					
C_N (μF)	W	H	T	P	d
0.0010	18.0	10.1	5.7	15.0	0.8
0.0012	18.0	10.5	6.0	15.0	0.8
0.0015	18.0	11.0	6.5	15.0	0.8
0.0016	18.0	11.6	6.4	15.0	0.8
0.0018	18.0	11.9	6.7	15.0	0.8
0.0020	18.0	12.2	7.0	15.0	0.8
0.0022	18.0	12.5	7.3	15.0	0.8
0.0024	18.0	12.7	7.5	15.0	0.8
0.0027	18.0	13.1	7.9	15.0	0.8
0.0030	18.0	13.5	8.3	15.0	0.8
0.0033	18.0	13.8	8.6	15.0	0.8
0.0036	18.0	11.7	6.5	15.0	0.8
0.0039	18.0	12.0	6.7	15.0	0.8
0.0043	18.0	12.2	7.0	15.0	0.8
0.0047	18.0	12.5	7.3	15.0	0.8
0.0049	18.0	11.9	6.7	15.0	0.8
0.0051	18.0	12.0	6.8	15.0	0.8
0.0053	18.0	12.1	6.9	15.0	0.8
0.0056	18.0	11.5	6.2	15.0	0.8
0.0060	18.0	11.6	6.4	15.0	0.8
0.0062	18.0	11.7	6.5	15.0	0.8
0.0065	18.0	11.8	66	15.0	0.8
0.0068	18.0	12.0	6.8	15.0	0.8
0.0072	18.0	12.1	6.9	15.0	0.8
0.0075	18.0	12.2	7.0	15.0	0.8
0.0078	18.0	12.4	7.1	15.0	0.8
0.0082	18.0	12.5	7.3	15.0	0.8
0.0084	18.0	12.6	7.4	15.0	0.8
0.0091	18.0	12.8	7.6	15.0	08
0.010	18.0	13.2	8.0	15.0	0.8
0.012	18.0	11.4	6.2	15.0	0.8
0.015	18.0	12.0	6.8	15.0	0.8
0.018	18.0	12.6	7.4	15.0	0.8
0.022	18.0	13.8	8.1	15.0	0.8
0.024	18.0	14.1	8.4	15.0	0.8
0.027	18.0	14.6	8.9	15.0	0.8
0.033	18.0	16.4	9.1	15.0	0.8
0.036	18.0	16.8	9.5	15.0	0.8

1000 / 1250Vdc (450Vac)					
C_N (μF)	W	H	T	P	d
0.0010	18.0	10.1	5.7	15.0	0.8
0.0012	18.0	10.5	6.0	15.0	0.8
0.0015	18.0	11.0	6.5	15.0	0.8
0.0016	18.0	11.6	6.4	15.0	0.8
0.0018	18.0	11.9	6.7	15.0	0.8
0.0020	18.0	12.2	7.0	15.0	0.8
0.0022	18.0	12.5	7.3	15.0	0.8
0.0024	18.0	12.7	7.5	15.0	0.8
0.0027	18.0	13.6	7.9	15.0	0.8
0.0030	18.0	14.0	8.3	15.0	0.8
0.0033	18.0	14.3	8.6	15.0	0.8
0.0036	18.0	11.7	6.5	15.0	0.8
0.0039	18.0	12.0	6.7	15.0	0.8
0.0043	18.0	12.2	7.0	15.0	0.8
0.0047	18.0	12.5	7.3	15.0	0.8
0.0049	18.0	12.6	7.4	15.0	0.8
0.0051	18.0	12.8	7.5	15.0	0.8
0.0053	18.0	12.9	7.7	15.0	0.8
0.0056	18.0	12.1	6.9	15.0	0.8
0.0060	18.0	12.3	7.1	15.0	0.8
0.0062	18.0	12.4	7.2	15.0	0.8
0.0065	18.0	12.6	7.4	15.0	0.8
0.0068	18.0	12.7	7.5	15.0	0.8
0.0072	18.0	12.9	7.7	15.0	0.8
0.0075	18.0	13.5	7.8	15.0	0.8
0.0078	18.0	13.7	8.0	15.0	0.8
0.0082	18.0	13.9	8.1	15.0	0.8
0.0084	18.0	13.9	8.2	15.0	0.8
0.0091	18.0	14.2	9.0	15.0	0.8
0.010	18.0	14.6	9.4	15.0	0.8
0.012	18.0	15.4	10.2	15.0	0.8
0.015	18.0	14.9	9.7	15.0	0.8
0.018	18.0	15.7	10.5	15.0	0.8
0.022	18.0	16.7	11.5	15.0	0.8

■ 外形尺寸 Dimensions (mm)

1600Vdc (450Vac)					
C_N (μF)	W	H	T	P	d
0.0010	18.0	10.4	6.0	15.0	0.8
0.0012	18.0	10.8	6.4	15.0	0.8
0.0015	18.0	11.3	6.9	15.0	0.8
0.0016	18.0	12.0	6.8	15.0	0.8
0.0018	18.0	12.3	7.1	15.0	0.8
0.0020	18.0	12.7	7.4	15.0	0.8
0.0022	18.0	12.9	7.7	15.0	0.8
0.0024	18.0	13.7	8.0	15.0	0.8
0.0027	18.0	11.4	6.2	15.0	0.8
0.0030	18.0	11.7	6.5	15.0	0.8
0.0033	18.0	11.9	6.7	15.0	0.8
0.0036	18.0	11.4	6.2	15.0	0.8
0.0039	18.0	11.6	6.4	15.0	0.8
0.0043	18.0	11.8	6.6	15.0	0.8
0.0047	18.0	12.1	6.9	15.0	0.8
0.0049	18.0	12.2	7.0	15.0	0.8
0.0051	18.0	12.3	7.1	15.0	0.8
0.0053	18.0	12.4	7.2	15.0	0.8
0.0056	18.0	12.6	7.4	15.0	0.8
0.0060	18.0	12.8	7.6	15.0	0.8
0.0062	18.0	12.9	7.7	15.0	0.8
0.0065	18.0	13.6	7.9	15.0	0.8
0.0068	18.0	13.7	8.0	15.0	0.8
0.0072	18.0	13.9	8.2	15.0	0.8
0.0075	18.0	14.1	8.4	15.0	0.8
0.0078	18.0	14.2	9.0	15.0	0.8
0.0082	18.0	14.4	9.2	15.0	0.8
0.0084	18.0	14.5	9.3	15.0	0.8
0.0091	18.0	14.9	9.6	15.0	0.8
0.010	18.0	15.3	10.0	15.0	0.8
0.012	18.0	16.1	10.9	15.0	0.8

2000Vdc (500Vac)					
C_N (μF)	W	H	T	P	d
0.0010	18.0	10.4	6.0	15.0	0.8
0.0012	18.0	10.8	6.4	15.0	0.8
0.0015	18.0	11.3	6.9	15.0	0.8
0.0016	18.0	12.0	6.8	15.0	0.8
0.0018	18.0	12.3	7.1	15.0	0.8
0.0020	18.0	12.7	7.4	15.0	0.8
0.0022	18.0	12.9	7.7	15.0	0.8
0.0024	18.0	11.8	6.6	15.0	0.8
0.0027	18.0	12.1	6.9	15.0	0.8
0.0030	18.0	12.4	7.2	15.0	0.8
0.0033	18.0	12.7	7.5	15.0	0.8
0.0036	18.0	12.2	7.0	15.0	0.8
0.0039	18.0	12.4	7.2	15.0	0.8
0.0043	18.0	12.7	7.5	15.0	0.8
0.0047	18.0	13.5	7.8	15.0	0.8
0.0049	18.0	13.7	8.0	15.0	0.8
0.0051	18.0	13.8	8.1	15.0	0.8
0.0053	18.0	13.9	8.2	15.0	0.8
0.0056	18.0	14.2	8.4	15.0	0.8
0.0060	18.0	14.4	9.2	15.0	0.8
0.0062	18.0	14.5	9.3	15.0	0.8
0.0065	18.0	14.7	9.5	15.0	0.8
0.0068	18.0	14.9	9.7	15.0	0.8
0.0072	18.0	15.2	9.9	15.0	0.8
0.0075	18.0	15.3	10.1	15.0	0.8
0.0078	18.0	15.5	10.3	15.0	0.8
0.0082	18.0	15.7	10.5	15.0	0.8
0.0084	18.0	15.8	10.6	15.0	0.8
0.0091	18.0	16.2	11.0	15.0	0.8
0.010	18.0	16.7	11.5	15.0	0.8

2500Vdc (500Vac)					
C_N (μF)	W	H	T	P	d
0.0010	18.0	10.4	6.0	15.0	0.8
0.0012	18.0	10.8	6.4	15.0	0.8
0.0015	18.0	11.3	6.9	15.0	0.8
0.0016	18.0	12.0	6.8	15.0	0.8
0.0018	18.0	12.3	7.1	15.0	0.8
0.0020	18.0	12.7	7.4	15.0	0.8
0.0022	18.0	12.9	7.7	15.0	0.8
0.0024	18.0	11.8	6.6	15.0	0.8
0.0027	18.0	12.1	6.9	15.0	0.8
0.0030	18.0	12.4	7.2	15.0	0.8
0.0033	18.0	12.7	7.5	15.0	0.8
0.0036	18.0	13.5	7.8	15.0	0.8
0.0039	18.0	13.8	8.1	15.0	0.8

2500Vdc (500Vac)					
C_N (μF)	W	H	T	P	d
0.0043	18.0	14.1	8.4	15.0	0.8
0.0047	18.0	14.5	9.3	15.0	0.8
0.0049	18.0	14.6	9.4	15.0	0.8
0.0051	18.0	14.8	9.6	15.0	0.8
0.0053	18.0	15.0	9.7	15.0	0.8
0.0056	18.0	15.2	10.0	15.0	0.8
0.0060	18.0	15.5	10.3	15.0	0.8
0.0062	18.0	15.6	10.4	15.0	0.8
0.0065	18.0	15.9	10.6	15.0	0.8
0.0068	18.0	16.1	10.9	15.0	0.8
0.0072	18.0	16.3	11.1	15.0	0.8
0.0075	18.0	16.5	11.3	15.0	0.8
0.0078	18.0	16.7	11.5	15.0	0.8

注：上表中未包含的产品规格可根据用户要求进行设计和制造

Note: Product specifications not included in this table can be designed and manufactured according to user requirements