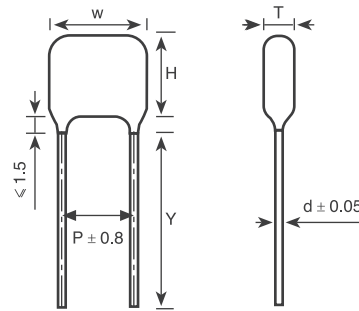


# CBB13 无感箔式聚丙烯膜电容器

Polypropylene film / foil capacitor (Non-inductive)

## 外形图 Outline Drawing



单位 Unit: mm

## 特点 Features

- 膜箔式电容器，无感卷绕结构，浸渍型
- 优异的频率和温度特性
- 即使在高频下，损耗也极小
- 阻燃环氧粉末包封 (UL94V-0)
- Film/foil, non-inductive wound type, dipped
- Excellent frequency and temperature characteristics
- Very small loss even at high frequency
- Flame retardant epoxy resin powder coating (UL94V-0)

## 主要用途 Typical Applications

- 广泛用于高频、直流和脉冲电路中
- Widely used in high frequency, DC and pulse circuits

## 技术要求 Specifications

引用标准 Reference Standard	GB/T 10188 ( IEC 60384-13 )
气候类别 Climatic Category	40/105/21
额定温度 Rated Temperature	85°C
工作温度范围 Operating Temperature Range	-40°C~105°C
额定电压 Rated Voltage	100V, 160V, 200V, 250V, 400V, 630V, 800V
电容量范围 Capacitance Range	0.0010 $\mu$ F ~ 0.10 $\mu$ F
电容量偏差 Capacitance Tolerance	$\pm$ 2% ( G ) , $\pm$ 5% ( J ) , $\pm$ 10% ( K )
耐电压 Voltage Proof	2.0U <sub>R</sub> ( 5s )
损耗角正切 Dissipation Factor	$\leq 10 \times 10^{-4}$ ( 1kHz, 20°C )
绝缘电阻 Insulation Resistance	R $\geq$ 50000M $\Omega$ , C <sub>N</sub> $\leq$ 0.1 $\mu$ F RC <sub>N</sub> $\geq$ 5000s, C <sub>N</sub> $>$ 0.1 $\mu$ F ( 20°C, 100V, 1min )

■ 外形尺寸 Dimensions (mm)

100Vdc					
C <sub>N</sub> (μF)	W	H	T	P	d
0.0010	9.0	8.5	4.5	6.5	0.6
0.0012	9.0	9.0	5.0	6.5	0.6
0.0015	9.0	9.5	5.5	6.5	0.6
0.0016	9.0	9.5	5.5	6.5	0.6
0.0018	9.0	9.5	5.5	6.5	0.6
0.0020	9.0	8.5	4.5	6.5	0.6
0.0022	9.0	8.5	4.5	6.5	0.6
0.0024	9.0	8.5	5.0	6.5	0.6
0.0027	9.0	9.0	5.0	6.5	0.6
0.0030	9.0	9.0	5.0	6.5	0.6
0.0033	9.0	9.0	5.5	6.5	0.6
0.0036	9.0	9.5	5.5	6.5	0.6
0.0039	9.0	9.5	5.5	6.5	0.6
0.0043	9.0	9.0	5.0	6.5	0.6
0.0047	9.0	9.0	5.0	6.5	0.6
0.0051	9.0	9.5	5.5	6.5	0.6
0.0056	9.0	9.5	5.5	6.5	0.6
0.0062	9.0	9.5	6.0	6.5	0.6
0.0068	9.0	10.0	6.0	6.5	0.6
0.0075	10.0	9.5	6.0	7.5	0.6
0.0082	10.0	10.0	6.0	7.5	0.6
0.0091	10.0	10.0	6.0	7.5	0.6
0.010	10.0	10.5	6.5	7.5	0.6
0.012	10.0	11.0	7.0	7.5	0.6
0.015	12.0	10.5	6.5	8.5	0.6
0.016	12.0	10.5	6.5	8.5	0.6
0.018	12.0	10.5	7.0	8.5	0.6
0.020	12.0	11.0	7.0	8.5	0.6
0.022	12.0	11.0	7.5	8.5	0.6
0.024	12.0	11.5	7.5	8.5	0.6
0.027	12.0	12.0	8.0	8.5	0.6
0.030	13.5	11.5	6.5	10.0	0.6
0.033	13.5	11.5	7.0	10.0	0.6
0.036	13.5	12.0	7.0	10.0	0.6
0.039	13.5	12.0	7.5	10.0	0.6
0.043	13.5	12.5	7.5	10.0	0.6
0.047	13.5	12.5	8.0	10.0	0.6
0.051	13.5	13.0	8.0	10.0	0.6
0.056	13.5	13.0	8.5	10.0	0.6
0.062	17.0	12.5	7.5	13.0	0.6
0.068	17.0	13.0	7.5	13.0	0.6
0.075	17.0	13.0	8.0	13.0	0.6
0.082	17.0	13.5	8.0	13.0	0.6
0.091	17.0	14.0	8.5	13.0	0.6
0.10	17.0	14.0	8.5	13.0	0.6

160Vdc					
C <sub>N</sub> (μF)	W	H	T	P	d
0.0010	10.0	9.0	5.0	6.5	0.6
0.0012	10.0	9.5	5.5	6.5	0.6
0.0015	10.0	9.5	5.5	6.5	0.6
0.0016	10.0	9.5	5.5	6.5	0.6
0.0018	10.0	10.0	6.0	6.5	0.6
0.0020	10.0	9.0	5.5	6.5	0.6
0.0022	10.0	9.5	5.5	6.5	0.6
0.0024	10.0	9.5	5.5	6.5	0.6
0.0027	10.0	9.5	5.5	6.5	0.6
0.0030	10.0	10.0	6.0	6.5	0.6
0.0033	10.0	10.0	6.0	6.5	0.6
0.0036	10.0	10.0	6.0	6.5	0.6
0.0039	10.0	10.0	6.5	6.5	0.6
0.0043	10.0	10.5	6.5	6.5	0.6
0.0047	10.0	10.5	6.5	6.5	0.6
0.0051	12.0	10.0	5.5	8.5	0.6
0.0056	12.0	10.5	5.5	8.5	0.6
0.0062	12.0	10.5	6.0	8.5	0.6
0.0068	12.0	10.5	6.0	8.5	0.6
0.0075	12.0	11.0	6.0	8.5	0.6
0.0082	12.0	11.0	6.5	8.5	0.6
0.0091	12.0	11.0	6.5	8.5	0.6
0.010	12.0	11.5	6.5	8.5	0.6
0.012	12.0	12.0	7.0	8.5	0.6
0.015	12.0	12.5	7.5	8.5	0.6
0.016	12.0	12.5	8.0	8.5	0.6
0.018	12.0	13.0	8.0	8.5	0.6
0.020	15.0	12.0	7.0	11.0	0.6
0.022	15.0	12.5	7.0	11.0	0.6
0.024	15.0	12.5	7.0	11.0	0.6
0.027	15.0	12.5	7.5	11.0	0.6
0.030	17.0	12.0	7.0	13.0	0.6
0.033	17.0	12.5	7.5	13.0	0.6
0.036	17.0	12.5	7.5	13.0	0.6
0.039	17.0	13.0	7.5	13.0	0.6
0.043	17.0	13.0	8.0	13.0	0.6
0.047	17.0	13.5	8.5	13.0	0.6
0.051	17.0	14.0	8.5	13.0	0.6
0.056	17.0	14.0	9.0	13.0	0.6
0.062	17.0	14.5	9.0	13.0	0.6
0.068	17.0	15.0	9.5	13.0	0.6
0.075	22.5	13.5	8.0	19.0	0.8
0.082	22.5	13.5	8.5	19.0	0.8
0.091	22.5	14.0	9.0	19.0	0.8
0.10	22.5	14.5	9.0	19.0	0.8

200Vdc					
C <sub>N</sub> (μF)	W	H	T	P	d
0.0010	14.5	10.0	6.0	11.0	0.6
0.0012	14.5	10.5	6.5	11.0	0.6
0.0015	14.5	10.5	6.5	11.0	0.6
0.0016	14.5	10.5	6.0	11.0	0.6
0.0018	14.5	11.0	6.0	11.0	0.6
0.0020	14.5	11.0	6.5	11.0	0.6
0.0022	14.5	11.0	6.5	11.0	0.6
0.0024	14.5	11.5	6.5	11.0	0.6
0.0027	14.5	11.5	7.0	11.0	0.6
0.0030	14.5	11.5	7.0	11.0	0.6
0.0033	14.5	12.0	7.0	11.0	0.6
0.0036	14.5	12.0	7.5	11.0	0.6
0.0039	14.5	12.5	7.5	11.0	0.6
0.0043	14.5	12.5	8.0	11.0	0.6
0.0047	14.5	13.0	8.0	11.0	0.6
0.0051	18.0	11.5	6.5	14.0	0.6
0.0056	18.0	12.0	6.5	14.0	0.6
0.0062	18.0	12.0	7.0	14.0	0.6
0.0068	18.0	12.5	7.0	14.0	0.6
0.0075	18.0	12.5	7.5	14.0	0.6
0.0082	18.0	13.0	7.5	14.0	0.6
0.0091	18.0	14.0	7.5	14.0	0.6
0.010	18.0	14.5	7.5	14.0	0.6
0.012	18.0	15.0	8.0	14.0	0.6
0.015	18.0	11.0	6.0	14.0	0.6
0.016	18.0	11.0	6.0	14.0	0.6
0.018	18.0	11.5	6.0	14.0	0.6
0.020	18.0	11.5	6.5	14.0	0.6
0.022	18.0	11.5	6.5	14.0	0.6
0.024	18.0	12.0	6.5	14.0	0.6
0.027	18.0	13.5	6.5	14.0	0.6
0.030	18.0	13.5	6.5	14.0	0.6
0.033	18.0	13.5	7.0	14.0	0.6
0.036	18.0	14.0	7.0	14.0	0.6
0.039	18.0	14.5	7.5	14.0	0.6
0.043	18.0	14.5	7.5	14.0	0.6
0.047	18.0	4.58	8.0	14.0	0.6
0.051	22.5	14.0	7.0	19.0	0.8
0.056	22.5	14.0	7.5	19.0	0.8
0.062	22.5	15.5	7.5	19.0	0.8
0.068	22.5	16.0	7.5	19.0	0.8
0.075	22.5	16.0	8.0	19.0	0.8
0.082	22.5	16.5	8.0	19.0	0.8
0.091	22.5	17.0	8.5	19.0	0.8
0.10	22.5	17.0	9.0	19.0	0.8

## ■ 外形尺寸 Dimensions (mm)

250Vdc					
C <sub>N</sub> (μF)	W	H	T	P	d
0.0010	12.0	9.5	5.5	8.5	0.6
0.0012	12.0	10.0	6.0	8.5	0.6
0.0015	12.0	10.0	6.5	8.5	0.6
0.0016	12.0	10.5	6.5	8.5	0.6
0.0018	12.0	10.5	6.5	8.5	0.6
0.0020	12.0	9.5	5.5	8.5	0.6
0.0022	12.0	9.5	5.5	8.5	0.6
0.0024	12.0	9.5	5.5	8.5	0.6
0.0027	12.0	10.0	6.0	8.5	0.6
0.0030	12.0	10.0	6.0	8.5	0.6
0.0033	12.0	10.0	6.0	8.5	0.6
0.0036	12.0	10.5	6.5	8.5	0.6
0.0039	12.0	10.5	6.5	8.5	0.6
0.0043	12.0	10.0	6.0	8.5	0.6
0.0047	12.0	10.0	6.0	8.5	0.6

250Vdc					
C <sub>N</sub> (μF)	W	H	T	P	d
0.0051	12.0	10.5	6.5	8.5	0.6
0.0056	12.0	10.5	6.5	8.5	0.6
0.0062	12.0	10.5	7.0	8.5	0.6
0.0068	12.0	11.0	7.0	8.5	0.6
0.0075	13.5	10.5	6.5	10.0	0.6
0.0082	13.5	10.5	6.5	10.0	0.6
0.0091	13.5	10.5	6.5	10.0	0.6
0.010	13.5	11.0	7.0	10.0	0.6
0.012	18.0	11.0	6.0	14.0	0.6
0.015	18.0	11.5	6.0	14.0	0.6
0.016	18.0	11.5	6.5	14.0	0.6
0.018	18.0	11.5	6.5	14.0	0.6
0.020	18.0	12.0	6.5	14.0	0.6
0.022	18.0	12.0	7.0	14.0	0.6
0.024	18.0	13.5	6.5	14.0	0.6

250Vdc					
C <sub>N</sub> (μF)	W	H	T	P	d
0.027	18.0	13.5	7.0	14.0	0.6
0.030	18.0	14.0	7.0	14.0	0.6
0.033	18.0	14.0	7.5	14.0	0.6
0.036	18.0	14.5	7.5	14.0	0.6
0.039	18.0	14.5	8.0	14.0	0.6
0.043	18.0	15.0	8.0	14.0	0.6
0.047	18.0	15.5	8.5	14.0	0.6
0.051	22.5	15.5	7.5	19.0	0.8
0.056	22.5	16.0	8.0	19.0	0.8
0.062	22.5	16.0	8.5	19.0	0.8
0.068	22.5	16.5	8.5	19.0	0.8
0.075	22.5	17.0	9.0	19.0	0.8
0.082	22.5	17.0	9.5	19.0	0.8
0.091	22.5	17.5	9.5	19.0	0.8
0.10	22.5	18.0	10.0	19.0	0.8

400Vdc					
C <sub>N</sub> (μF)	W	H	T	P	d
0.0010	13.5	10.0	6.0	10.0	0.6
0.0012	13.5	10.5	6.5	10.0	0.6
0.0015	13.5	10.5	6.5	10.0	0.6
0.0016	13.5	10.0	6.0	10.0	0.6
0.0018	13.5	10.0	6.5	10.0	0.6
0.0020	13.5	9.0	5.5	10.0	0.6
0.0022	13.5	9.5	5.5	10.0	0.6
0.0024	13.5	9.5	5.5	10.0	0.6
0.0027	13.5	9.5	5.5	10.0	0.6
0.0030	13.5	9.5	6.0	10.0	0.6
0.0033	13.5	10.0	6.0	10.0	0.6
0.0036	15.0	11.0	5.5	11.0	0.6
0.0039	15.0	11.0	6.0	11.0	0.6
0.0043	15.0	11.0	6.0	11.0	0.6
0.0047	15.0	11.5	6.0	11.0	0.6
0.0051	15.0	11.5	6.5	11.0	0.6
0.0056	15.0	11.5	6.5	11.0	0.6
0.0062	15.0	12.0	6.5	11.0	0.6
0.0068	15.0	12.0	7.0	11.0	0.6
0.0075	15.0	12.0	7.0	11.0	0.6
0.0082	15.0	12.5	7.0	11.0	0.6
0.0091	15.0	12.5	7.0	11.0	0.6
0.010	15.0	13.0	8.0	11.0	0.6

630Vdc					
C <sub>N</sub> (μF)	W	H	T	P	d
0.0010	14.5	10.0	6.0	11.0	0.6
0.0012	14.5	10.5	6.5	11.0	0.6
0.0015	14.5	10.5	6.5	11.0	0.6
0.0016	14.5	10.5	6.0	11.0	0.6
0.0018	14.5	11.0	6.0	11.0	0.6
0.0020	14.5	11.0	6.5	11.0	0.6
0.0022	14.5	11.0	6.5	11.0	0.6
0.0024	14.5	11.5	6.5	11.0	0.6
0.0027	14.5	11.5	7.0	11.0	0.6
0.0030	14.5	11.5	7.0	11.0	0.6
0.0033	14.5	12.0	7.0	11.0	0.6
0.0036	14.5	12.0	7.5	11.0	0.6
0.0039	14.5	12.5	7.5	11.0	0.6
0.0043	14.5	12.5	8.0	11.0	0.6
0.0047	14.5	13.0	8.0	11.0	0.6
0.0051	18.0	11.5	6.5	14.0	0.6
0.0056	18.0	12.0	6.5	14.0	0.6
0.0062	18.0	12.0	7.0	14.0	0.6
0.0068	18.0	12.5	7.0	14.0	0.6
0.0075	18.0	12.5	7.5	14.0	0.6
0.0082	18.0	13.0	7.5	14.0	0.6
0.0091	18.0	14.0	7.5	14.0	0.6
0.010	18.0	14.5	7.5	14.0	0.6

800Vdc					
C <sub>N</sub> (μF)	W	H	T	P	d
0.0010	14.5	10.0	6.0	11.0	0.6
0.0012	14.5	10.0	6.0	11.0	0.6
0.0015	14.5	10.5	6.5	11.0	0.6
0.0016	14.5	10.5	6.5	11.0	0.6
0.0018	14.5	11.0	7.0	11.0	0.6
0.0020	16.0	11.0	6.5	12.5	0.6
0.0022	16.0	11.5	6.5	12.5	0.6
0.0024	16.0	11.5	6.5	12.5	0.6
0.0027	16.0	11.5	7.0	12.5	0.6
0.0030	16.0	12.0	7.0	12.5	0.6
0.0033	16.0	12.0	7.5	12.5	0.6
0.0036	16.0	12.5	7.5	12.5	0.6
0.0039	16.0	12.5	8.0	12.5	0.6
0.0043	18.0	12.5	7.5	14.0	0.6
0.0047	18.0	13.0	7.5	14.0	0.6
0.0051	18.0	13.0	8.0	14.0	0.6
0.0056	18.0	13.5	8.0	15.0	0.8
0.0062	18.0	14.5	8.0	15.0	0.8
0.0068	18.0	15.0	8.0	15.0	0.8
0.0075	18.0	15.5	8.5	15.0	0.8
0.0082	18.0	15.5	8.5	15.0	0.8
0.0091	22.5	14.5	8.0	19.0	0.8
0.010	22.5	15.0	8.0	19.0	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