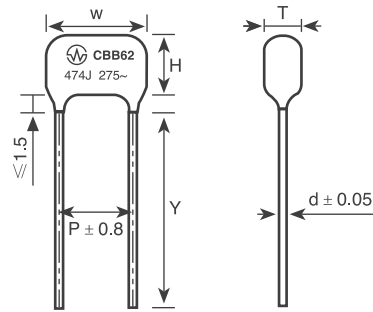


CBB62 电容降压专用金属化聚丙烯膜交流电容器

Metallized polypropylene film AC capacitor for capacitive divider

外形图 Outline Drawing



单位 Unit: mm

特点 Features

- 专门设计用于与100Vac~300Vac电源串联的电容降压电路应用场合，如电表、LED模块等
- 金属化聚丙烯
- 自愈性能优异，能承受浪涌电压冲击
- 长期负载下优异的电容容量稳定性
- 阻燃环氧粉末封装（UL94V-0）
- This is specifically designed for applications in serial with the 100~300Vac main, i.e.: capacitive divider, for example, energy meter, LED driver, etc.
- Metallized polypropylene structure
- Good self-healing property, can withstanding surge voltage stressing
- Long stability of capacitance under longterm load
- Flame retardant epoxy resin powder coating (UL94V-0)

技术要求 Specifications

引用标准 Reference Standard	GB/T 14579 (IEC 60384-17)			
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	160Vac, 50/60Hz	230Vac, 50/60Hz	250vac, 50/60Hz	300Vac/275Vac, 50/60Hz
最大连续直流电压 Maximum continuous DC voltage	250Vdc	400Vdc	560Vdc	630Vdc
电容量范围 Capacitance Range	0.22 μF ~ 2.2 μF	0.033 μF ~ 4.7 μF	0.010 μF ~ 4.0 μF	0.10 μF ~ 1.0 μF
耐电压 Voltage Proof (引线之间 Between Terminals)	400Vdc (2s)	640Vdc (2s)	900Vdc (2s)	1500Vdc (2s)
电容量偏差 Capacitance Tolerance	±5% (J) , ±10% (K) , ±20% (M)			
绝缘电阻 Insulation Resistance	R ≥ 15000MΩ , C _N ≤ 0.33 μF RC _N ≥ 5000s, C _N > 0.33 μF (20℃ , 100V , 1min)			
损耗角正切 Dissipation Factor	≤ 10 × 10 ⁻⁴ (1kHz , 20℃)			
	≤ 20 × 10 ⁻⁴ (10kHz , 20℃)			
注：长寿命要求和连续使用请用275Vac及以上电压。 Note: For long life time and continuous working, please choose 275 Vac and upwards voltage.				

■ 外形尺寸 Dimensions (mm)

230Vac					
C _N (μF)	W	H	T	P	d
0.033	10.0	10.5	5.5	7.5	0.6
0.047	10.0	10.5	6.5	7.5	0.6
0.033	12.0	9.0	5.0	10.0	0.6
0.047	12.0	10.0	5.5	10.0	0.6
0.068	12.0	11.0	6.0	10.0	0.6
0.10	12.0	12.0	7.0	10.0	0.6
0.10	17.0	10.5	5.5	15.0	0.6
0.15	17.0	11.0	6.5	15.0	0.6
0.22	17.0	12.0	7.5	15.0	0.6
0.33	17.0	14.5	9.0	15.0	0.6
0.39	17.0	14.5	9.5	15.0	0.6
0.47	17.0	15.0	10.5	15.0	0.8
0.22	23.0	11.0	6.5	20.0	0.8
0.33	23.0	12.5	7.5	20.0	0.8
0.39	23.0	13.0	8.0	20.0	0.8
0.47	23.0	14.5	8.0	20.0	0.8
0.56	23.0	15.0	9.0	20.0	0.8
0.68	23.0	16.0	9.5	20.0	0.8
1.0	23.0	19.0	11.0	20.0	0.8
0.33	25.0	13.0	6.5	22.5	0.8
0.39	25.0	13.5	7.0	22.5	0.8
0.47	25.0	14.0	7.5	22.5	0.8
0.56	25.0	15.5	8.5	22.5	0.8
0.68	25.0	15.5	9.0	22.5	0.8
1.0	25.0	18.0	10.5	22.5	0.8
1.5	25.0	21.5	12.5	22.5	0.8
1.0	28.0	18.5	9.5	25.0	0.8
1.5	28.0	20.5	11.0	25.0	0.8
2.0	28.0	22.5	13.0	25.0	0.8
2.2	28.0	23.0	13.5	25.0	0.8
0.47	30.0	14.5	6.5	27.5	0.8
0.56	30.0	15.0	7.0	27.5	0.8
0.68	30.0	16.5	7.5	27.5	0.8
1.0	30.0	17.0	9.0	27.5	0.8
1.5	30.0	20.0	10.5	27.5	0.8
2.0	30.0	24.5	11.0	27.5	0.8
2.2	30.0	25.0	11.5	27.5	0.8
3.0	30.0	27.5	14.0	27.5	0.8
3.3	30.0	27.5	14.5	27.5	0.8
4.0	30.0	29.0	16.5	27.5	0.8
4.7	30.0	31.5	18.0	27.5	0.8

250Vac					
C _N (μF)	W	H	T	P	d
0.010	12.0	8.0	4.0	10.0	0.6
0.015	12.0	8.0	5.0	10.0	0.6
0.022	12.0	9.0	5.0	10.0	0.6
0.033	12.0	10.0	5.5	10.0	0.6
0.047	12.0	11.5	6.0	10.0	0.6
0.068	12.0	12.5	7.0	10.0	0.6
0.068	17.0	10.0	5.5	15.0	0.6
0.10	17.0	11.0	6.5	15.0	0.6
0.15	17.0	12.0	7.5	15.0	0.6
0.22	17.0	13.5	8.5	15.0	0.6
0.33	17.0	15.0	10.5	15.0	0.8
0.15	23.0	11.0	6.5	20.0	0.8
0.22	23.0	12.0	7.5	20.0	0.8
0.33	23.0	14.5	8.0	20.0	0.8
0.39	23.0	15.0	8.0	20.0	0.8
0.47	23.0	16.0	9.5	20.0	0.8
0.56	23.0	17.5	10.5	20.0	0.8
0.68	23.0	19.5	10.0	20.0	0.8
0.22	25.0	13.5	6.5	22.5	0.8
0.33	25.0	14.0	7.5	22.5	0.8
0.39	25.0	15.5	8.0	22.5	0.8
0.47	25.0	15.0	9.0	22.5	0.8
0.56	25.0	16.0	9.5	22.5	0.8
0.68	25.0	18.0	10.0	22.5	0.8
1.0	25.0	20.0	12.0	22.5	0.8
0.33	28.0	15.5	6.0	25.0	0.8
0.39	28.0	15.0	7.5	25.0	0.8
0.47	28.0	16.5	8.0	25.0	0.8
0.56	28.0	16.5	8.5	25.0	0.8
0.68	28.0	17.0	9.5	25.0	0.8
1.0	28.0	19.0	11.5	25.0	0.8
1.5	28.0	25.5	12.0	25.0	0.8
2.0	28.0	27.0	14.0	25.0	0.8
2.2	28.0	28.5	15.0	25.0	0.8
3.3	28.0	31.5	18.0	25.0	0.8
0.47	30.0	15.5	7.5	27.5	0.8
0.56	30.0	16.0	8.0	27.5	0.8
0.68	30.0	17.5	9.0	27.5	0.8
1.0	30.0	19.5	10.5	27.5	0.8
1.5	30.0	24.0	11.5	27.5	0.8
2.0	30.0	26.0	13.5	27.5	0.8
2.2	30.0	27.5	14.0	27.5	0.8
3.0	30.0	29.5	16.5	27.5	0.8
3.3	30.0	30.0	17.5	27.5	0.8
4.0	30.0	32.0	19.5	27.5	0.8

300Vac/275Vac					
C _N (μF)	W	H	T	P	d
0.10	17.0	14.5	9.0	15.0	0.6
0.15	17.0	15.5	10.5	15.0	0.8
0.22	17.0	18.5	12.0	15.0	0.8
0.10	23.0	12.0	7.5	20.0	0.8
0.15	23.0	14.5	9.0	20.0	0.8
0.22	23.0	16.0	10.0	20.0	0.8
0.33	23.0	18.0	12.0	20.0	0.8
0.10	25.0	12.0	7.0	22.5	0.8
0.15	25.0	13.0	8.5	22.5	0.8
0.22	25.0	16.5	9.0	22.5	0.8
0.33	25.0	17.5	11.0	22.5	0.8
0.39	25.0	19.0	11.5	22.5	0.8
0.47	25.0	20.5	12.5	22.5	0.8
0.22	28.0	15.0	8.5	25.0	0.8
0.27	28.0	16.0	9.5	25.0	0.8
0.33	28.0	17.5	10.5	25.0	0.8
0.36	28.0	17.0	10.0	25.0	0.8
0.39	28.0	18.5	11.0	25.0	0.8
0.41	28.0	18.0	11.5	25.0	0.8
0.43	28.0	18.0	11.0	25.0	0.8
0.45	28.0	19.0	11.5	25.0	0.8
0.47	28.0	20.5	11.5	25.0	0.8
0.49	28.0	20.5	12.0	25.0	0.8
0.51	28.0	20.0	12.0	25.0	0.8
0.56	28.0	21.5	12.5	25.0	0.8
0.68	28.0	22.0	14.0	25.0	0.8
0.75	28.0	23.5	14.5	25.0	0.8
0.82	28.0	24.0	14.5	25.0	0.8
1.0	28.0	26.0	16.5	25.0	0.8

160Vac					
C _N (μF)	W	H	T	P	d
0.22	13.0	11.0	6.0	10.0	0.6
0.27	13.0	11.5	6.5	10.0	0.6
0.33	13.0	12.5	7.0	10.0	0.6
0.39	13.0	13.0	7.5	10.0	0.6
0.47	13.0	13.5	8.5	10.0	0.6
0.56	13.0	14.0	9.0	10.0	0.6
0.47	17.5	12.0	7.0	15.0	0.6
0.56	17.5	12.5	7.5	15.0	0.6
0.68	17.5	13.0	8.0	15.0	0.6
0.82	17.5	13.5	8.5	15.0	0.6
1.0	17.5	14.5	9.5	15.0	0.6
1.2	17.5	16.5	9.5	15.0	0.8
1.5	17.5	17.5	10.5	15.0	0.8
1.8	17.5	18.5	11.5	15.0	0.8
2.0	17.5	19.0	12.5	15.0	0.8
2.2	17.5	19.5	13.0	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