



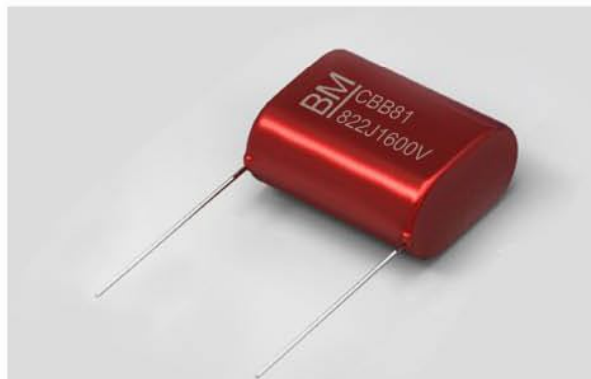
金属化聚丙烯膜、箔电容器

METALIZED POLYPROPYLENE FILM AND FOIL CAPACITOR

CBB81

采用聚丙烯膜和铝箔无感式卷绕、阻燃环氧粉末封装、镀锡铜线引出，具有高耐压、高绝缘、耐冲击、低损耗、低温升等特点。适用于高压、脉冲、点火、谐振电路中。

The products are wound non-inductive elements by metalized polypropylene film and aluminum foil, coated with flame retardant epoxy powder, welded by tinned copper wire. They have the characteristics of high voltage proof, high insulation, low dissipation factor, withstanding surge voltage stressing, low temperature-rising, etc. It's used in the high voltage, impulse, ignition, resonance circuit.



引用标准 Reference standard GB/T14579、IEC 60384-17

气候类别 Climatic category 40 / 85 / 21

额定电压 Rated voltage 1000VDC ~ 3000VDC

容量范围 Capacitance range 0.0022 μ F ~ 1 μ F

容量偏差 Capacitance tolerance $\pm 5\%$ (J)、 $\pm 10\%$ (K)

耐电压 Voltage proof

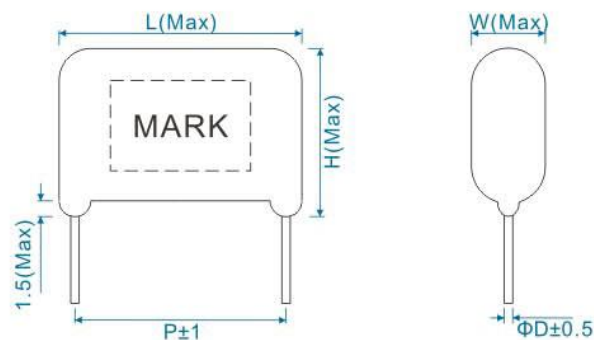
极间 between terminals $2.5 \cdot U_R$ (VDC)/10s

绝缘电阻 Insulation resistance(20°C)

极间 between terminals $\geq 30000 M\Omega, C_R \leq 0.33 \mu F$ (100Vdc, 60s)
 $\geq 7500 S, C_R \leq 0.33 \mu F$ (100Vdc, 60s)

极壳 between terminals and case $\geq 100000 M\Omega$ (100Vdc, 60s)

损耗角正切 Tangent of loss angle(20°C) ≤ 0.001 (10KHz)

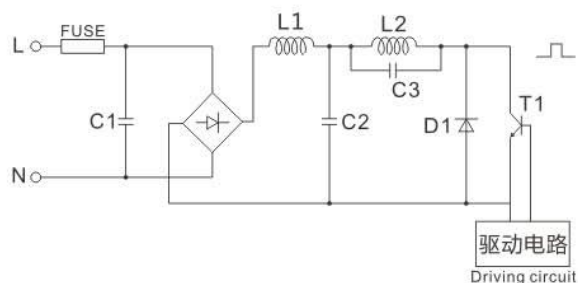


常用规格 Dimension

Unit : mm

Rated Cap.	1000VDC					1600VDC					2000VDC				
	L	W	H	P	ΦD	L	W	H	P	ΦD	L	W	H	P	ΦD
0.0022 μ F	18	6.5	12.5	15.0	0.8	18	6.5	12.5	15.0	0.8	18	7.0	12.5	15.0	0.8
0.0047 μ F	18	9.0	14.5	15.0	0.8	18	6.5	12.5	15.0	0.8	18	9.5	15	15.0	0.8
0.0056 μ F	18	8.5	14.0	15.0	0.8	18	8.5	14.0	15.0	0.8	25	8.0	13.5	22.0	0.8
0.0068 μ F	18	7.5	13.5	15.0	0.8	18	7.5	13.5	15.0	0.8	25	8.5	14.0	22.0	0.8
0.0082 μ F	18	8.5	14.0	15.0	0.8	18	8.5	14.0	15.0	0.8	25	9.0	15.0	22.0	0.8
0.010 μ F	18	7.0	12.0	15.0	0.8	18	8.0	12.0	15.0	0.8	25	11	16.5	22.0	0.8
0.015 μ F	18	10	15.5	15.0	0.8	18	10	15.5	15.0	0.8	25	8.5	14.0	22.0	0.8
0.020 μ F	18	10	17.0	15.0	0.8	18	10	17.0	15.0	0.8	25	9.0	16.0	22.0	0.8
0.022 μ F	18	10.5	17.5	15.0	0.8	18	10.5	17.5	15.0	0.8	25	10	15.5	22.0	0.8
0.024 μ F	18	10.5	18.0	15.0	0.8	18	10.5	18.0	15.0	0.8	25	9.5	17	22.0	0.8
0.027 μ F	25	8.0	15.5	22.0	0.8	25	8.0	15.5	22.0	0.8	25	10	17.5	22.0	0.8
0.030 μ F	25	8.5	15.5	22.0	0.8	25	8.5	15.5	22.0	0.8	25	11	18.5	22.0	0.8
0.039 μ F	25	9.5	16.5	22.0	0.8	25	9.5	16.5	22.0	0.8	25	12.5	20	22.0	0.8
0.10 μ F	34	11.5	19.0	31.0	0.8	34	11.5	19.0	31.0	0.8	34	21.5	29	31.0	0.8

典型线路图
Typical circuit



C1:跨线电容
Across-the-line capacitor