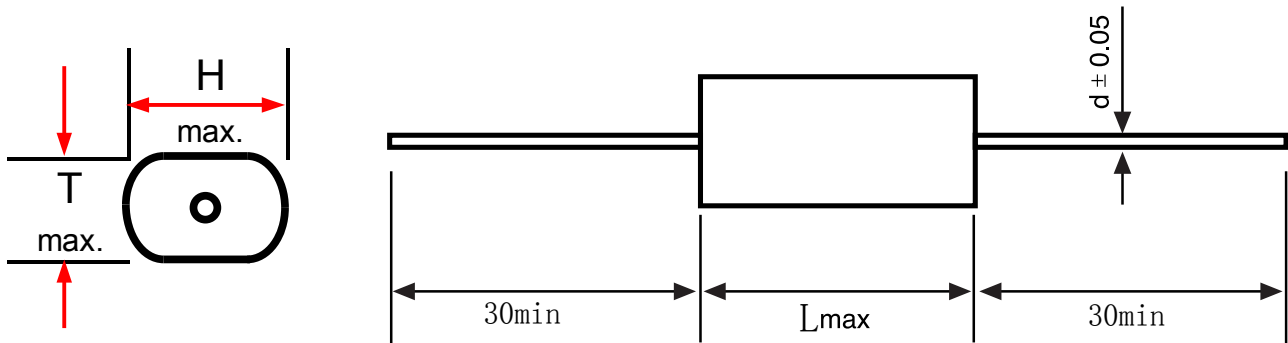


轴向金属化聚丙烯膜电容器
Metallized polypropylene film capacitor(Axial-type)

外形图 Outline Drawing



特点

- 金属化聚丙烯，无感卷绕结构，轴向
- 自愈性能优异
- 外包聚酯胶带纸，两端灌注阻燃性环氧树脂

主要用途

- 温度补偿电路
- 定时、振荡电路
- 功率因素校正、开关电源耦合用

Features

- Metallized Polypropylene film, non-inductive type, axial
- Excellent self-healing property
- Wrapped with polyester adhesive tape and ends filled with Flame retardant epoxy resin

Typical Applications

- Temperature compensation circuits
- Timing, oscillator circuits
- Power factor correction and coupling capacitor in SMPS applications

技术要求 Specifications

引用标准 Reference Standard	GB 10190(IEC 60384-16)							
气候类别 Climatic Category	40/085/21							
额定温度 Rated Temperature	85℃							
额定电压 Rated Voltage	100V、250V、400V、630V、1250V							
电容量范围 Capacitance Range	0.0010μF ~ 15μF							
电容量偏差 Capacitance Tolerance	± 5%(J), ± 10%(K), ± 20% (M)							
耐电压 Voltage Proof	1.6U _R (5s)							
损耗角正切 Dissipation Factor	≤ 10 × 10 ⁻⁴ (1kHz, 20℃)							
绝缘电阻 Insulation Resistance	≥ 100 000MΩ, C _N ≤ 0.33μF ≥ 30 000s, C _N > 0.33μF (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)						
		L=12.0	L=14.5	L=20.0	L=27.5	L=33.0	L=41.5	L=56.5
	100/160	150	110	80	60	50	35	20
	250	300	220	150	110	90	60	30
	400	460	330	250	180	120	80	45
	630	600	440	300	220	150	100	60
	1 000	800	550	400	300	200	150	80
	1 250	1 000	750	580	400	300	200	100

METALLIZED POLYPROPYLENE FILM CAPACITOR

尺寸 Dimensions(mm)

Rated Cap.	100/250VDC				400VDC				630VDC				1250VDC			
	L	H	T	d	L	H	T	d	L	H	T	d	L	H	T	d
	max	max	max	±0.05	max	max	max	±0.05	max	max	max	±0.05	max	max	max	±0.05
0.010uF	14.0	8.0	4.5	0.6	14.0	8.0	4.5	0.6	14.0	8.0	4.5	0.6	14.0	9.0	5.5	0.6
0.015uF	14.0	8.0	4.5	0.6	14.0	8.0	4.5	0.6	14.0	8.0	4.5	0.6	14.0	10.0	6.0	0.6
0.022uF	14.0	9.0	5.0	0.6	14.0	9.0	5.0	0.6	14.0	9.0	5.0	0.6	14.0	10.0	6.0	0.6
0.027uF	14.0	9.5	5.5	0.6	14.0	9.5	5.5	0.6	14.0	9.5	5.5	0.6	14.0	11.0	6.5	0.6
0.033uF	14.0	10.0	6.0	0.6	14.0	10.0	6.0	0.6	14.0	10.0	6.0	0.6	20.0	11.5	6.5	0.6
0.039uF	14.0	10.5	6.0	0.6	14.0	10.5	6.0	0.6	14.0	10.5	6.0	0.6	20.0	12.0	7.0	0.6
0.047uF	14.0	11.0	6.0	0.6	14.0	11.0	6.0	0.6	14.0	11.0	6.0	0.6	20.0	13.0	7.5	0.6
0.068uF	14.0	11.0	6.0	0.6	14.0	11.0	6.0	0.6	20.0	11.0	6.5	0.6	20.0	13.5	8.5	0.8
0.082uF	14.0	11.0	6.0	0.6	14.0	11.0	6.0	0.6	20.0	11.0	6.5	0.6	20.0	14.0	9.0	0.8
0.10uF	14.0	11.0	6.0	0.6	14.0	11.0	6.0	0.6	20.0	11.5	7.5	0.6	26.0	13.0	8.0	0.8
0.15uF	14.0	11.5	6.5	0.6	14.0	11.5	6.5	0.6	20.0	12.0	8.0	0.6	26.0	16.0	9.0	0.8
0.22uF	20.0	10.0	6.0	0.6	20.0	10.5	7.0	0.6	26.0	12.0	7.5	0.8	32.0	17.0	10.5	0.8
0.27uF	20.0	11.0	6.0	0.6	20.0	12.5	7.5	0.6	26.0	13.0	8.0	0.8	32.0	18.0	11.5	0.8
0.33uF	20.0	11.0	6.0	0.6	20.0	13.0	8.5	0.6	26.0	14.0	8.5	0.8	32.0	20.0	12.5	0.8
0.39uF	20.0	11.0	6.5	0.6	26.0	12.0	7.5	0.8	26.0	15.5	9.5	0.8	32.0	21.0	13.5	0.8
0.47uF	20.0	11.0	6.5	0.6	26.0	13.5	8.0	0.8	26.0	16.5	10.5	0.8	32.0	22.0	14.5	0.8
0.68uF	20.0	12.5	8.0	0.6	26.0	15.5	9.0	0.8	32.0	16.5	10.5	0.8	32.0	23.0	16.0	0.8
0.82uF	26.0	13.0	6.5	0.8	26.0	16.5	10.0	0.8	32.0	18.0	11.5	0.8	36.0	22.5	16.0	0.8
1.0uF	26.0	13.5	7.5	0.8	32.0	15.5	9.5	0.8	32.0	19.0	12.5	0.8	36.0	25.0	17.0	0.8
1.2uF	26.0	14.5	8.0	0.8	32.0	16.5	10.0	0.8	32.0	21.5	13.5	0.8	46.0	23.0	17.0	1.0
1.5uF	26.0	15.5	9.0	0.8	32.0	17.5	11.5	0.8	32.0	23.0	15.5	0.8	46.0	26.0	18.5	1.0
1.8uF	32.0	14.5	8.0	0.8	32.0	19.0	13.0	0.8	36.0	22.5	16.0	0.8	46.0	28.0	21.0	1.0
2.2uF	32.0	15.5	9.0	0.8	32.0	20.0	13.5	0.8	36.0	26.0	16.5	0.8	46.0	31.5	22.5	1.0
2.5uF	32.0	16.0	10.0	0.8	32.0	22.0	14.0	0.8	46.0	24.5	16.5	1.0	46.0	33.0	23.5	1.0
2.7uF	36.0	15.5	9.5	0.8	36.0	18.5	12.0	0.8	46.0	25.0	17.5	1.0				
3.3uF	36.0	16.5	10.5	0.8	36.0	19.5	13.5	0.8	46.0	28.0	18.5	1.0				
3.6uF	36.0	17.0	11.0	0.8	36.0	21.0	13.5	0.8								
3.9uF	36.0	19.0	11.0	0.8	36.0	22.5	14.0	0.8								
4.7uF	46.0	16.0	10.5	1.0	36.0	23.5	15.5	0.8								
6.8uF	46.0	18.0	11.5	1.0	36.0	25.0	17.0	0.8								
8.2uF	46.0	20.5	12.5	1.0	46.0	24.0	16.0	1.0								
10.0uF	46.0	21.5	14.0	1.0	46.0	25.5	18.0	1.0								
15.0uF	46.0	23.0	15.5	1.0	46.0	28.5	19.0	1.0								

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