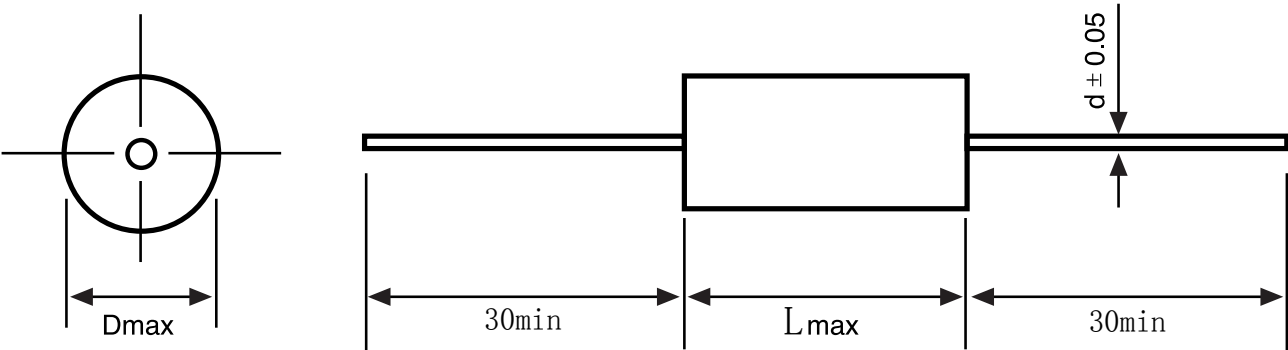


轴向金属化聚丙烯膜电容器
Metallized polypropylene film capacitor(Axial-type)

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		Rated Cap.	400VDC		Rated Cap.	630VDC		Rated Cap.	1250VDC	
	OD	L		OD	L		OD	L		OD	L
	max	max		max	max		max	max		max	max
0.010uF	5.5	14.0	0.010uF	5.5	14.0	0.010uF	5.5	14.0	0.010uF	6.5	14.0
0.015uF	5.5	14.0	0.015uF	6.0	14.0	0.015uF	6.0	14.0	0.015uF	7.0	14.0
0.022uF	6.0	14.0	0.022uF	7.0	14.0	0.022uF	7.0	14.0	0.022uF	8.0	14.0
0.027uF	6.0	14.0	0.027uF	7.0	14.0	0.027uF	7.0	14.0	0.027uF	8.5	14.0
0.033uF	6.0	14.0	0.033uF	7.0	14.0	0.033uF	7.5	14.0	0.033uF	8.0	20.0
0.039uF	6.0	14.0	0.039uF	7.0	14.0	0.039uF	7.5	14.0	0.039uF	8.5	20.0
0.047uF	6.0	14.0	0.047uF	7.0	14.0	0.047uF	8.0	14.0	0.047uF	9.0	20.0
0.068uF	6.5	14.0	0.068uF	7.5	14.0	0.068uF	8.0	20.0	0.068uF	10.5	20.0
0.082uF	6.5	14.0	0.082uF	8.0	14.0	0.082uF	8.5	20.0	0.082uF	11.0	20.0
0.10uF	7.0	14.0	0.10uF	8.0	14.0	0.10uF	9.0	20.0	0.10uF	10.0	26.0
0.15uF	8.0	14.0	0.15uF	8.0	20.0	0.15uF	10.0	20.0	0.15uF	12.0	26.0
0.22uF	7.5	20.0	0.22uF	8.5	20.0	0.22uF	10.0	26.0	0.22uF	14.0	26.0
0.27uF	8.0	20.0	0.27uF	9.0	20.0	0.27uF	11.0	26.0	0.27uF	13.5	32.0
0.33uF	8.5	20.0	0.33uF	10.0	20.0	0.33uF	11.5	26.0	0.33uF	14.5	32.0
0.39uF	8.0	26.0	0.39uF	10.5	20.0	0.39uF	12.5	26.0	0.39uF	15.5	32.0
0.47uF	8.5	26.0	0.47uF	10.5	26.0	0.47uF	13.5	26.0	0.47uF	17.0	32.0
0.68uF	9.5	26.0	0.68uF	12.5	26.0	0.68uF	14.0	32.0	0.68uF	20.0	32.0
0.82uF	10.0	26.0	0.82uF	13.0	26.0	0.82uF	15.0	32.0	0.82uF	20.0	37.0
1.0uF	9.5	32.0	1.0uF	13.5	26.0	1.0uF	16.5	32.0	1.0uF	22.0	37.0
1.2uF	10.0	32.0	1.2uF	14.0	26.0	1.2uF	18.0	32.0	1.2uF	24.0	37.0
1.5uF	11.0	32.0	1.5uF	15.0	32.0	1.5uF	20.0	32.0	1.5uF	21.0	46.0
1.8uF	12.0	32.0	1.8uF	16.0	32.0	1.8uF	21.5	32.0	1.8uF	25.0	46.0
2.2uF	13.0	32.0	2.2uF	17.0	32.0	2.2uF	21.5	37.0	2.2uF	27.5	46.0
2.5uF	13.5	32.0	2.5uF	17.5	32.0	2.5uF	23.0	37.0			
2.7uF	14.0	32.0	2.7uF	18.0	32.0	2.7uF	24.0	37.0			
3.3uF	15.0	32.0	3.3uF	19.0	32.0	3.3uF	22.5	46.0			
3.6uF	15.0	36.0	3.6uF	20.0	32.0	3.6uF	23.5	46.0			
3.9uF	15.5	36.0	3.9uF	19.0	37.0	3.9uF	24.5	46.0			
4.7uF	17.0	36.0	4.7uF	20.5	37.0	4.7uF	26.5	46.0			
6.8uF	18.0	36.0	5.6uF	22.5	37.0						
8.2uF	17.0	46.0	6.8uF	23.0	37.0						
10.0uF	18.5	46.0	8.2uF	23.0	46.0						
15.0uF	20.5	46.0	10.0uF	25.0	46.0						

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