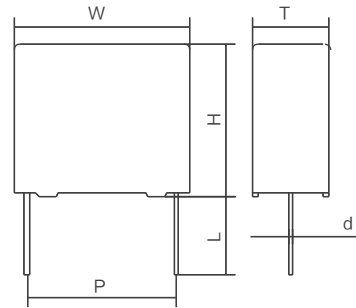
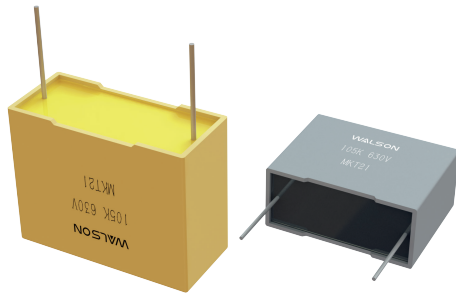


MKT21 塑料外壳金属化聚酯膜电容器

Metallized Polyester Film capacitor (Box-type)

外形图 Outline Drawing



单位 Unit: mm

特点 Features

- 金属化聚酯膜，无感卷绕结构
- 自愈性好，可靠性高
- 阻燃塑料外壳和环氧树脂封装 (UL94V-0)
- Metallized polyester film, non-inductive wound construction
- Excellent self-healing property, high reliability
- Sealed with flame-retardant plastic case and resin (UL94 V-0)

主要用途 Typical Applications

- 适用于旁路、隔直、耦合、去耦、脉冲、逻辑、定时和振荡等电路
- Suitable for by-passing, blocking, coupling, decoupling, pulse, logic, timing and oscillator circuit, etc.

技术要求 Specifications

引用标准 Reference Standard	GB/T 7332 (IEC 60384-2)
气候类别 Climatic Category	55/105/56
额定温度 Rated Temperature	85℃
工作温度范围 Operating Temperature Range	-55~105℃
额定电压 U_R Rated Voltage	100/250/400/630/1000V, 63/160/200/220/250Vac
电容量范围 Capacitance Range	0.001 μ F~33.0 μ F
容量偏差 Capacitance Tolerance	$\pm 5\%$ (J) $\pm 10\%$ (K) $\pm 20\%$ (M)
耐电压 Voltage Proof	1.6 U_R (5s)
绝缘电阻 R_{ins} Insulation Resistance (R_{ins})	$C_N \leq 0.33 \mu F: \geq 7500M\Omega$ $C_N > 0.33 \mu F: \geq 2500s$ (20℃, 100Vdc, 1min)
损耗角正切 $\tan \delta$ Dissipation Factor	≤ 0.0100 (1kHz, 20℃)

■ 外形尺寸 Dimensions (mm)

100Vdc (63Vac)					
CN (μF)	W \pm 1.0 (mm)	H \pm 1.0 (mm)	T \pm 1.0 (mm)	P \pm 0.5 (mm)	d \pm 0.05 (mm)
1.0	13	11	5	10	0.6
1.5	13	12	6	10	0.6
1.0	18	11	5	15	0.8
1.5	18	12	6	15	0.8
2.2	18	12	6	15	0.8
3.3	18	13.5	7.5	15	0.8
4.7	18	14.5	8.5	15	0.8
3.3	26.5	15.0	6	22.5	0.8
4.7	26.5	16.5	7	22.5	0.8
6.8	26.5	19	10	22.5	0.8
10.0	26.5	22	12	22.5	0.8
6.8	32	18	9	27.5	0.8
10.0	32	20	11	27.5	0.8
15.0	32	20	11	27.5	0.8
22.0	32	25	13	27.5	0.8
33.0	32	30	16	27.5	0.8

250Vdc (160Vac)					
CN (μF)	W \pm 1.0 (mm)	H \pm 1.0 (mm)	T \pm 1.0 (mm)	P \pm 0.5 (mm)	d \pm 0.05 (mm)
0.33	13	11	5	10	0.6
0.47	13	12	6	10	0.6
0.47	18	11	5	15	0.8
0.68	18	12	6	15	0.8
1.0	18	13.5	7.5	15	0.8
1.5	18	14.5	8.5	15	0.8
1.0	26.5	15	6	22.5	0.8
1.5	26.5	16.5	7	22.5	0.8
2.2	26.5	17	8.5	22.5	0.8
3.3	26.5	20	11	22.5	0.8
3.3	32	18	9	27.5	0.8
4.7	32	20	11	27.5	0.8
6.8	32	22	13	27.5	0.8
10.0	32	24.5	15	27.5	0.8

400Vdc (200Vac)					
CN (μF)	W \pm 1.0 (mm)	H \pm 1.0 (mm)	T \pm 1.0 (mm)	P \pm 0.5 (mm)	d \pm 0.05 (mm)
0.1	13	11	5	10	0.6
0.15	13	12	6	10	0.6
0.15	18	11	5	15	0.8
0.22	18	12	6	15	0.8
0.33	18	13.5	7.5	15	0.8
0.47	18	14.5	8.5	15	0.8
0.68	18	16	10	15	0.8
0.47	26.5	15	6	22.5	0.8
0.68	26.5	16.5	7	22.5	0.8
1.0	26.5	19	10	27.5	0.8
1.5	26.5	22	12	27.5	0.8
1.0	32	18	9	27.5	0.8
1.5	32	20	11	27.5	0.8
2.2	32	22	13	27.5	0.8
3.3	32	24.5	15	27.5	0.8
4.7	32	30	16	27.5	0.8
6.8	32	33	18	27.5	0.8

630Vdc (220Vac)					
CN (μF)	W \pm 1.0 (mm)	H \pm 1.0 (mm)	T \pm 1.0 (mm)	P \pm 0.5 (mm)	d \pm 0.05 (mm)
0.047	13	11	5	10	0.6
0.068	13	12	6	10	0.6
0.068	18	11	5	15	0.8
0.1	18	12	6	15	0.8
0.15	18	13.5	7.5	15	0.8
0.22	18	16	10	15	0.8
0.33	18	19	11	15	0.8
0.15	26.5	15	6	22.5	0.8
0.22	26.5	16.5	7	22.5	0.8
0.33	26.5	16.5	7	22.5	0.8
0.47	26.5	17	8.5	22.5	0.8
0.68	26.5	22	12	22.5	0.8
0.47	32	18	9	27.5	0.8
0.68	32	20	11	27.5	0.8
1.0	32	20	11	27.5	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

1000Vdc (250Vac)					
CN (μF)	W \pm 1.0 (mm)	H \pm 1.0 (mm)	T \pm 1.0 (mm)	P \pm 0.5 (mm)	d \pm 0.05 (mm)
0.015	13	11	5	10	0.6
0.022	13	12	6	10	0.6
0.022	18	11	5	15	0.8
0.033	18	12	6	15	0.8
0.047	18	12	6	15	0.8
0.068	18	13.5	7.5	15	0.8
0.1	18	14.5	8.5	15	0.8
0.1	26.5	15	6	22.5	0.8
0.15	26.5	16.5	7	22.5	0.8
0.22	26.5	17	8.5	22.5	0.8
0.33	26.5	20	11	22.5	0.8
0.22	32	18	9	27.5	0.8
0.33	32	20	11	27.5	0.8
0.47	32	20	11	27.5	0.8
0.68	32	28	14	27.5	0.8
1.0	32	30	16	27.5	0.8
1.5	32	37	22	27.5	0.8