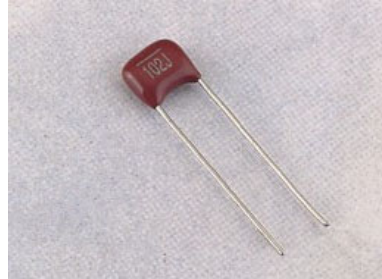
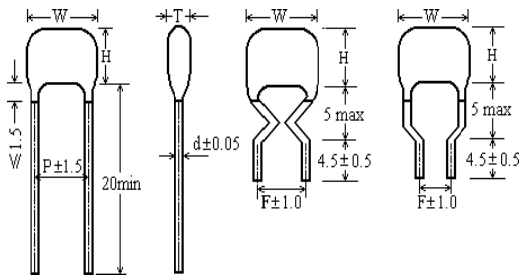


小型金属化聚酯膜电容器

Miniaturized metallized polyester film capacitor(Dipped)

外形图 Outline Drawing



特点

- 金属化聚酯膜, 无感卷绕结构
- 体积小, 自愈性好
- 阻燃性环氧粉末封装

主要用途

- 适用于直流和 VHF 级信号的隔直流、旁路和耦合
- 广泛用于滤波、低脉冲电路

Features

- metallized polyester film, non-inductive wound construction
- Small size and Excellent self-healing property
- Flame retardation epoxy resin coating

Typical application

- Suitable for blocking, by-pass and coupling of DC and signals to VHF range
- Widely used in filter and low pulse circuits

技术要求 Specifications

引用标准 Reference Standard	GB 7332 (IEC 60384-2)
气候类别 Climatic Category	55/100/21
额定温度 Rated temperature	85°C
工作温度范围 Operating temperature range	-55°C~105°C (+85°C to +105°C: decreasing factor 1.25% per °C for V _R (dc))
额定电压 Rated Voltage	50/63V、100V
电容量范围 Capacitance Range	0.0010 μF ~ 1.0 μF
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	≤1.0% (20°C, 1kHz)
绝缘电阻 Insulation Resistance	≥15 000MΩ, C _R ≤0.33 μF ≥5 000s, C _R >0.33 μF (20°C, 10V, 1min)

产品编码说明 Part number code system

15 位产品代码如下:

The 15 digits part number is formed as follow:

1 2 3 4 5 6 7 8 9 10 11 12 13 14 15

C	2	2												
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第 1~3 位 薄膜电容器的系列代码
C22= CL21X

Digit 1 to 3 Series code of film capacitor
C22= CL21X

第 4~5 位 直流额定电压
1H=50V 1J=63V 2A=100V

Digit 4 to 5 DC rated voltage
1H=50V 1J=63V 2A=100V

第 6~8 位 标称容量
举例: 103=10×10³pF=0.01uF

Digit 6 to 8 Rated capacitance value
For example: 103=10×10³pF=0.01uF

第 9 位 容量偏差
J=±5%,K=±10%, M=±20%

Digit 9 Capacitance tolerance
J=±5%,K=±10%, M=±20%

第 10 位 引线脚距P
2=5.0mm 3=7.5mm

Digit 10 Pitch
2=5.0mm 3=7.5mm

第 11 位 内部特征码

Digit 11 Internal use

第 12~15 位 引线加工和包装代码

Digit 12 to 15 Lead form and packaging code

■ Table 1 引线加工和包装代码 lead form and packaging code

第 12 位 Digit 12		第 13 位 Digit 13		第 14 位 Digit 14		第 15 位 Digit 15	
代码 code	说明 explanation	代码 code	说明 explanation	代码 code	说明 explanation	代码 code	说明 explanation
A R	弹带包装 ammo-pack 圆盘包装 reel-pack	2	F=5.0mm	0	表示直脚 straight 表示弯脚 formed	A	产品在连续的两个载带孔之间 each cap. between two consecutive holes P3=12.7mm,H=20.0mm (For pitch=5/7.5mm) (Detail parameter refer to pag 13)
		3	F=7.5mm	1			
F	引线成型 lead formed	2	F=5.0mm	0	B=4.5mm (the length of B)	0	B 的长度偏差±0.5mm B Length tolerance ±0.5mm (Detail parameter refer to pag10)
		3	F=7.5mm				
C	散装切脚 straight lead or cut lead	代码 code	说明explanation		0	0	引线长度偏差±0.5mm Length tolerance ±0.5mm
		00	标准的引线长度(18mm min) standard lead length				
		45	引线长度 4.5mm lead length 4.5mm				

■ 外形尺寸 Dimensions(mm)

50 Vdc (30Vac)/63Vdc (40Vac) [#]							100Vdc (40Vac)						
容量 (μF)	W max	H max	T max	P	d	产品代码 Part number	容量 (μF)	W max	H max	T max	P	d	产品代码 Part number
0.0010	7.3	7.0	3.5	5.0	0.5	1221J102+20****	0.0010	7.3	7.0	3.5	5.0	0.5	1222A102+20****
0.0012	7.3	7.0	3.5	5.0	0.5	1221J122+20****	0.0012	7.3	7.0	3.5	5.0	0.5	1222A122+20****
0.0015	7.3	7.0	4.0	5.0	0.5	1221J152+20****	0.0015	7.3	7.0	4.0	5.0	0.5	1222A152+20****
0.0018	7.3	7.5	4.0	5.0	0.5	1221J182+20****	0.0018	7.3	7.5	4.0	5.0	0.5	1222A182+20****
0.0022	7.3	7.5	4.0	5.0	0.5	1221J222+20****	0.0022	7.3	7.5	4.0	5.0	0.5	1222A222+20****
0.0027	7.3	7.5	4.0	5.0	0.5	1221J272+20****	0.0027	7.3	7.5	4.0	5.0	0.5	1222A272+20****
0.0033	7.3	7.5	4.5	5.0	0.5	1221J332+20****	0.0033	7.3	7.5	4.5	5.0	0.5	1222A332+20****
0.0039	7.3	7.5	4.0	5.0	0.5	1221J392+20****	0.0039	7.3	7.5	4.0	5.0	0.5	1222A392+20****
0.0047	7.3	7.5	4.0	5.0	0.5	1221J472+20****	0.0047	7.3	7.5	4.0	5.0	0.5	1222A472+20****
0.0056	7.3	7.5	4.0	5.0	0.5	1221J562+20****	0.0056	7.3	7.5	4.0	5.0	0.5	1222A562+20****
0.0068	7.3	7.5	4.0	5.0	0.5	1221J682+20****	0.0068	7.3	7.5	4.0	5.0	0.5	1222A682+20****
0.0082	7.3	7.5	4.0	5.0	0.5	1221J822+20****	0.0082	7.3	7.5	4.0	5.0	0.5	1222A822+20****
0.010	7.3	7.0	4.0	5.0	0.5	1221J103+20****	0.010	7.3	7.0	4.0	5.0	0.5	1222A103+20****
0.012	7.3	7.0	4.0	5.0	0.5	1221J123+20****	0.012	7.3	7.0	4.0	5.0	0.5	1222A123+20****
0.015	7.3	7.5	4.0	5.0	0.5	1221J153+20****	0.015	7.3	7.5	4.0	5.0	0.5	1222A153+20****
0.018	7.3	7.5	4.0	5.0	0.5	1221J183+20****	0.018	7.3	7.5	4.0	5.0	0.5	1222A183+20****
0.022	7.3	7.0	4.0	5.0	0.5	1221J223+20****	0.022	7.3	7.0	4.0	5.0	0.5	1222A223+20****
0.027	7.3	7.0	4.0	5.0	0.5	1221J273+20****	0.027	7.3	7.0	4.0	5.0	0.5	1222A273+20****
0.033	7.3	7.5	4.0	5.0	0.5	1221J333+20****	0.033	7.3	7.5	4.0	5.0	0.5	1222A333+20****
0.039	7.3	7.5	4.0	5.0	0.5	1221J393+20****	0.039	7.3	7.5	4.0	5.0	0.5	1222A393+20****
0.047	7.3	7.5	4.0	5.0	0.5	1221J473+20****	0.047	7.3	7.5	4.0	5.0	0.5	1222A473+20****
0.056	7.3	7.5	4.0	5.0	0.5	1221J563+20****	0.056	7.3	7.5	4.0	5.0	0.5	1222A563+20****
0.068	7.3	7.5	4.0	5.0	0.5	1221J683+20****	0.068	7.3	7.5	4.0	5.0	0.5	1222A683+20****
0.082	7.3	8.0	4.5	5.0	0.5	1221J823+20****	0.082	7.3	8.0	4.5	5.0	0.5	1222A823+20****
0.10	7.3	9.5	4.0	5.0	0.5	1221J104+20****	0.10	7.3	9.5	4.0	5.0	0.5	1222A104+20****
0.12	10.2	7.5	4.0	7.5	0.5	1221J124+30****	0.12	10.2	7.5	4.0	7.5	0.5	1222A124+30****
0.15	10.2	9.0	4.0	7.5	0.5	1221J154+30****	0.15	10.2	9.0	4.0	7.5	0.5	1222A154+30****
0.18	10.2	9.0	4.0	7.5	0.5	1221J184+30****	0.18	10.2	9.0	4.0	7.5	0.5	1222A184+30****
0.22	10.2	9.5	4.5	7.5	0.5	1221J224+30****	0.22	10.2	9.5	4.5	7.5	0.5	1222A224+30****
0.27	10.2	10.0	5.0	7.5	0.5	1221J274+30****	0.27	10.2	10.0	5.0	7.5	0.5	1222A274+30****
0.33	10.2	8.0	4.5	7.5	0.5	1221J334+30****	0.33	10.2	10.5	5.5	7.5	0.6	1222A334+30****
0.39	10.2	8.5	4.5	7.5	0.5	1221J394+30****	0.39	10.2	11.0	6.0	7.5	0.6	1222A394+30****
0.47	10.2	9.0	5.0	7.5	0.5	1221J474+30****	0.47	10.2	11.5	6.5	7.5	0.6	1222A474+30****
0.56	10.2	9.0	5.5	7.5	0.5	1221J564+30****	0.56	10.2	11.5	7.0	7.5	0.6	1222A564+30****
0.68	10.2	9.5	6.0	7.5	0.5	1221J684+30****	0.68	10.2	12.0	8.0	7.5	0.6	1222A684+30****
0.82	10.2	10.0	6.5	7.5	0.5	1221J824+30****	0.82	10.2	13.0	9.0	7.5	0.6	1222A824+30****
1.0	10.2	10.5	7.0	7.5	0.5	1221J105+30****	1.0	10.2	14.0	9.5	7.5	0.6	1222A105+30****

备注: 1."+"表示容量偏差。 "M"=capacitance tolerance code, M=±20%,K=±10%,J=±5%

2."****"表示引线加工和包装代码(见 table 1)。

"****"=lead form and packaging code (refer to table 1)

3."#"当额定电压为 50VDC 时,第 4~5 位是 1H。 "#"when the rated voltage is 50VDC,the digit 4~5 is 1H.