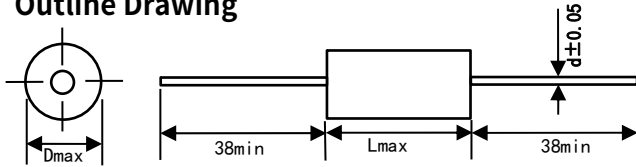


轴向金属化聚酯膜电容器 Metallized polyester film capacitor(Axial-type)

外形图 Outline Drawing



特点

- 金属化聚酯膜, 卷绕结构
- 体积小, 重量轻, 自愈性能优异
- 外包装聚酯胶带纸, 两端灌注环氧树脂

主要用途

- 隔直、旁路和耦合(去耦)

技术要求 Specifications

Features

- Metallized polyester film, non-inductive wound construction
- Small size, light weight, excellent self-healing property
- Wrapped with polyester adhesive tape and ends filled

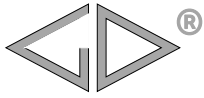
Typical Applications

- Suitable for blocking, by-pass, coupling, and decoupling

引用标准 Reference Standard	GB/T 7332 (IEC 60384-2)					
气候类别 Climatic Category	55/105/21					
额定温度 Rated Temperature	85°C					
工作温度 Operating Temperature Range	-55°C~105°C (+85°C to +105°C: decreasing factor 1.25% per °C for U _R)					
额定电压 Rated Voltage	50V, 63V, 100V, 250V, 400V, 630V, 1 000V					
电容量范围 Capacitance Range	0.0010μF~10.0μF					
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	U _R >100V	R≥30 000Ω, RC _N ≥10 000s,	C _N ≤0.33μF C _N >0.33μF	(20°C, 100V, 1min)		
	U _R ≤100V	R≥3 750Ω, RC _N ≥1 250s,	C _N ≤0.33μF C _N >0.33μF	(20°C, 10V, 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
	50/63	6	6	2	1.5	1
	100	9	9	3	2	1
	250	20	20	8	5	2.5
	400	30	30	10	7	4
	630	40	40	15	10	6
1000	50	50	25	12	8	

The 15 digits part number is formed as follow:

第 1~3 位 型号代码 C20=CL20	Digit 1 to 3	Series code C20=CL20
第 4~5 位 直流额定电压 1H=50V 1J=63V 2A=100V 2E=250V 2G=400V 2J=630V 3A=1 000V	Digit 4 to 5	D.C. rated voltage 1H=50V 1J=63V 2A=100V 2E=250V 2G=400V 2J=630V 3A=1 000V
第 6~8 位 标称容量 举例: 103=10×10 ³ pF=0.01μF	Digit 6 to 8	Rated capacitance value for example: 103=10×10 ³ pF=0.01μF
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 轴向 0 代表轴向	Digit 10	Axial 0= axial
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 C000 表示标准的引线长度(38mm min)	Digit 12 to 15	Lead form and packaging code C000 means lead length(38mm min)

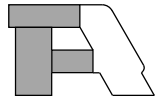


C20
CL20 series

■ 外形尺寸 Dimensions(mm)

50Vdc (30Vac) /63Vdc (40Vac) #					100Vdc (63Vac)					250Vdc(160Vac)				
C _N (μF)	D max	L max	d	Part number	C _N (μF)	D max	L max	d	Part number	C _N (μF)	D max	L max	d	Part number
0.33	5.2	12.0	0.6	C201J334-00C000	0.068	5.2	12.0	0.6	C202A683-00C000	0.047	5.2	12.0	0.6	C202E473-00C000
0.39	5.5	12.0	0.6	C201J394-00C000	0.082	5.2	12.0	0.6	C202A823-00C000	0.056	5.2	12.0	0.6	C202E563-00C000
0.47	5.5	14.5	0.6	C201J474-00C000	0.10	5.2	12.0	0.6	C202A104-00C000	0.068	5.2	12.0	0.6	C202E683-00C000
0.56	6.0	14.5	0.6	C201J564-00C000	0.12	5.2	12.0	0.6	C202A124-00C000	0.082	5.2	12.0	0.6	C202E823-00C000
0.68	6.0	14.5	0.6	C201J684-00C000	0.15	5.2	12.0	0.6	C202A154-00C000	0.10	5.5	14.5	0.6	C202E104-00C000
0.82	6.5	14.5	0.6	C201J824-00C000	0.18	5.2	12.0	0.6	C202A184-00C000	0.12	5.5	14.5	0.6	C202E124-00C000
1.0	7.0	14.5	0.8	C201J105-00C000	0.22	5.2	12.0	0.6	C202A224-00C000	0.15	5.5	14.5	0.6	C202E154-00C000
1.2	7.0	14.5	0.8	C201J125-00C000	0.27	5.2	12.0	0.6	C202A274-00C000	0.18	5.5	14.5	0.6	C202E184-00C000
1.5	6.7	20.0	0.8	C201J155-00C000	0.33	6.0	14.5	0.6	C202A334-00C000	0.22	6.0	14.5	0.6	C202E224-00C000
1.8	7.0	20.0	0.8	C201J185-00C000	0.39	6.0	14.5	0.6	C202A394-00C000	0.27	6.5	14.5	0.6	C202E274-00C000
2.2	7.5	20.0	0.8	C201J225-00C000	0.47	6.0	14.5	0.6	C202A474-00C000	0.33	6.5	20.0	0.6	C202E334-00C000
2.7	8.5	20.0	0.8	C201J275-00C000	0.56	6.0	14.5	0.6	C202A564-00C000	0.39	6.5	20.0	0.6	C202E394-00C000
3.3	9.0	20.0	0.8	C201J335-00C000	0.68	6.8	14.5	0.8	C202A684-00C000	0.47	7.0	20.0	0.8	C202E474-00C000
3.9	9.5	20.0	0.8	C201J395-00C000	0.82	7.0	14.5	0.8	C202A824-00C000	0.56	7.5	20.0	0.8	C202E564-00C000
4.7	8.5	27.5	0.8	C201J475-00C000	1.0	7.7	20.0	0.8	C202A105-00C000	0.68	8.0	20.0	0.8	C202E684-00C000
5.6	9.0	27.5	0.8	C201J565-00C000	1.2	7.0	20.0	0.8	C202A125-00C000	0.82	8.5	20.0	0.8	C202E824-00C000
6.8	10.0	27.5	0.8	C201J685-00C000	1.5	8.0	20.0	0.8	C202A155-00C000	1.0	9.0	20.0	0.8	C202E105-00C000
8.2	10.5	27.5	0.8	C201J825-00C000	1.8	8.5	20.0	0.8	C202A185-00C000	1.2	8.5	27.5	0.8	C202E125-00C000
10.0	11.0	33.0	0.8	C201J106-00C000	2.2	9.0	20.0	0.8	C202A225-00C000	1.5	9.0	27.5	0.8	C202E155-00C000
					2.7	9.5	20.0	0.8	C202A275-00C000	1.8	9.5	27.5	0.8	C202E185-00C000
					3.3	9.5	27.5	0.8	C202A335-00C000	2.2	11.0	33.0	0.8	C202E225-00C000
					3.9	9.5	27.5	0.8	C202A395-00C000	2.7	12.0	33.0	0.8	C202E275-00C000
					4.7	10.0	33.0	0.8	C202A475-00C000	3.3	13.0	33.0	0.8	C202E335-00C000
					5.6	10.5	33.0	0.8	C202A565-00C000	3.9	14.5	33.0	0.8	C202E395-00C000
					6.8	11.5	33.0	0.8	C202A685-00C000	4.7	15.5	33.0	0.8	C202E475-00C000
					8.2	12.5	33.0	0.8	C202A825-00C000	5.6	16.5	33.0	1.0	C202E565-00C000
					10.0	13.9	33.0	0.8	C202A106-00C000	6.8	18.5	33.0	1.0	C202E685-00C000
										8.2	20.0	33.0	1.0	C202E825-00C000
										10.0	22.0	33.0	1.0	C202E106-00C000

备注 Note: 1. “-”表示容量偏差。 “.”=capacitance tolerance code. M=±20%, K=±10%, J=±5%。
2. #”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.



■ 外形尺寸 Dimensions(mm)

400Vdc (200Vac)					630Vdc (220Vac)					1000Vdc(250Vac)				
C _N (μF)	D max	L max	d	Part number	C _N (μF)	D max	L max	d	Part number	C _N (μF)	D max	L max	d	Part number
0.010	5.2	12.0	0.6	C202G103-00C000	0.0010	5.2	12.0	0.6	C202J102-00C000	0.0010	5.2	12.0	0.6	C203A102-00C000
0.012	5.2	12.0	0.6	C202G123-00C000	0.0012	5.2	12.0	0.6	C202J122-00C000	0.0012	5.2	12.0	0.6	C203A122-00C000
0.015	5.2	12.0	0.6	C202G153-00C000	0.0015	5.2	12.0	0.6	C202J152-00C000	0.0015	5.2	12.0	0.6	C203A152-00C000
0.018	5.2	12.0	0.6	C202G183-00C000	0.0018	5.2	12.0	0.6	C202J182-00C000	0.0018	5.2	12.0	0.6	C203A182-00C000
0.022	5.2	12.0	0.6	C202G223-00C000	0.0022	5.2	12.0	0.6	C202J222-00C000	0.0022	5.2	12.0	0.6	C203A222-00C000
0.027	5.2	12.0	0.6	C202G273-00C000	0.0027	5.2	12.0	0.6	C202J272-00C000	0.0027	5.2	12.0	0.6	C203A272-00C000
0.033	5.2	12.0	0.6	C202G333-00C000	0.0033	5.2	12.0	0.6	C202J332-00C000	0.0033	5.2	12.0	0.6	C203A332-00C000
0.039	5.2	14.5	0.6	C202G393-00C000	0.0039	5.2	12.0	0.6	C202J392-00C000	0.0039	5.2	12.0	0.6	C203A392-00C000
0.047	6.5	14.5	0.6	C202G473-00C000	0.0047	5.2	12.0	0.6	C202J472-00C000	0.0047	5.2	14.5	0.6	C203A472-00C000
0.056	6.5	14.5	0.6	C202G563-00C000	0.0056	5.2	12.0	0.6	C202J562-00C000	0.0056	5.2	14.5	0.6	C203A562-00C000
0.068	6.5	14.5	0.6	C202G683-00C000	0.0068	6.0	12.0	0.6	C202J682-00C000	0.0068	5.2	14.5	0.6	C203A682-00C000
0.082	7.0	14.5	0.8	C202G823-00C000	0.0082	6.0	12.0	0.6	C202J822-00C000	0.0082	6.0	14.5	0.6	C203A822-00C000
0.10	7.5	14.5	0.8	C202G104-00C000	0.010	6.0	14.5	0.6	C202J103-00C000	0.010	6.0	20.0	0.6	C203A103-00C000
0.12	8.0	14.5	0.8	C202G124-00C000	0.012	6.0	14.5	0.6	C202J123-00C000	0.012	6.0	20.0	0.6	C203A123-00C000
0.15	7.0	20.0	0.6	C202G154-00C000	0.015	6.5	14.5	0.6	C202J153-00C000	0.015	6.5	20.0	0.6	C203A153-00C000
0.18	7.0	20.0	0.8	C202G184-00C000	0.018	7.0	14.5	0.8	C202J183-00C000	0.018	6.5	20.0	0.6	C203A183-00C000
0.22	7.5	20.0	0.8	C202G224-00C000	0.022	7.5	14.5	0.8	C202J223-00C000	0.022	7.0	20.0	0.8	C203A223-00C000
0.27	8.0	20.0	0.8	C202G274-00C000	0.027	8.0	14.5	0.8	C202J273-00C000	0.027	7.5	20.0	0.8	C203A273-00C000
0.33	9.0	20.0	0.8	C202G334-00C000	0.033	7.0	20.0	0.8	C202J333-00C000	0.033	6.5	27.5	0.6	C203A333-00C000
0.39	9.5	20.0	0.8	C202G394-00C000	0.039	7.5	20.0	0.8	C202J393-00C000	0.039	6.5	27.5	0.6	C203A393-00C000
0.47	8.5	27.5	0.8	C202G474-00C000	0.047	7.5	20.0	0.8	C202J473-00C000	0.047	7.0	27.5	0.8	C203A473-00C000
0.56	9.0	27.5	0.8	C202G564-00C000	0.056	8.0	20.0	0.8	C202J563-00C000	0.056	7.5	27.5	0.8	C203A563-00C000
0.68	10.0	27.5	0.8	C202G684-00C000	0.068	8.5	20.0	0.8	C202J683-00C000	0.068	8.0	27.5	0.8	C203A683-00C000
0.82	10.5	27.5	0.8	C202G824-00C000	0.082	9.0	20.0	0.8	C202J823-00C000	0.082	8.5	27.5	0.8	C203A823-00C000
1.0	10.5	33.0	0.8	C202G105-00C000	0.10	8.0	27.5	0.8	C202J104-00C000	0.10	9.0	27.5	0.8	C203A104-00C000
1.2	11.5	33.0	0.8	C202G125-00C000	0.12	8.5	27.5	0.8	C202J124-00C000	0.12	9.5	27.5	0.8	C203A124-00C000
1.5	12.5	33.0	0.8	C202G155-00C000	0.15	9.0	27.5	0.8	C202J154-00C000	0.15	9.5	33.0	0.8	C203A154-00C000
1.8	13.5	33.0	0.8	C202G185-00C000	0.18	10.0	27.5	0.8	C202J184-00C000	0.18	10.0	33.0	0.8	C203A184-00C000
2.2	14.5	33.0	0.8	C202G225-00C000	0.22	10.5	27.5	0.8	C202J224-00C000	0.22	11.0	33.0	0.8	C203A224-00C000
2.7	16.0	33.0	1.0	C202G275-00C000	0.27	11.5	27.5	0.8	C202J274-00C000	0.27	12.0	33.0	0.8	C203A274-00C000
3.3	17.5	33.0	1.0	C202G335-00C000	0.33	11.0	33.0	0.8	C202J334-00C000	0.33	13.0	33.0	0.8	C203A334-00C000
					0.39	12.0	33.0	0.8	C202J394-00C000	0.39	14.0	33.0	0.8	C203A394-00C000
					0.47	12.5	33.0	0.8	C202J474-00C000	0.47	15.0	33.0	0.8	C203A474-00C000
					0.56	13.5	33.0	0.8	C202J564-00C000					
					0.68	14.5	33.0	0.8	C202J684-00C000					
					0.82	16.0	33.0	1.0	C202J824-00C000					
					1.0	17.5	33.0	1.0	C202J105-00C000					

备注 Note: 1. “-”表示容量偏差。 “-” =capacitance tolerance code. M=±20%, K=±10%, J=±5%.

2. “@”不用作跨线, 请参见抗干扰电容器 (Page 109)。

“@” Not suitable for across-the-line applications. Pls refer to interference Suppression Capacitors(Page 109).

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