



陕西电子科技集团有限公司

SHAANXI ELECTRONIC GROUPTECH CO., LTD

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CL21 金属化聚脂膜直流电容器

CL21 metalized polyester film DC capacitor

is constructed with metalized polyester film as medium and electric code, our wrapped and sealed with flame-resistance, small cubage, large capacity and good self-healing property. Largely used in color TV, program-controlled exchange machine, computer, telephone, fax and the instrumental circuit for the purpose of DC, impulse and AC at low voltage.

●特点

以金属化聚脂膜作介质和电极,用阻燃胶带外包和环氧树脂包封径向后引出,具有电性能优良、可靠性好、耐高温、体积小、容量大和良好自愈性能。

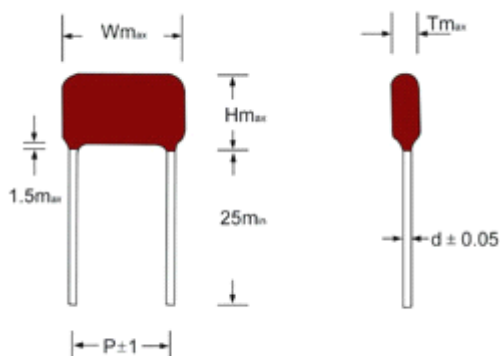
●用途

本产品广泛使用于彩电、程控交换机、计算机、电话机、传真机及仪器、仪表电路中作直流脉动、脉冲及低压交流电路中。

●技术指标 (IEC384-2 GB7335-87)

1. 使用温度 (operating temperature): $-40^{\circ}\text{C} \sim +105^{\circ}\text{C}$
2. 容量范围 (capacitance range): $10\text{nF} \sim 22\ \mu\text{F}$
3. 允许偏差 (capacitance tolerance): J ($\pm 5\%$); K ($\pm 10\%$)
4. 额定电压 (rated voltage): 50/63V, 100/160V, 250V, 400V, 630V (DC)
5. 耐电压 (withstand voltage): $1.6V_R\ 2S$ ($1.5V_R\ 5S$)
6. 损耗角 (dissipation factor):

$C \leq 2.2\ \mu\text{F}$	≤ 0.013	10KHz
$2.2\ \mu\text{F} < C \leq 10\ \mu\text{F}$	≤ 0.008	1KHz
$C > 10\ \mu\text{F}$	≤ 0.010	1KHz
7. 绝缘电阻 (insulation resistance): $C \leq 0.33\ \mu\text{F}$ $V(R) \leq 100V \geq 7500M\Omega$;
 $V(R) > 100V \geq 15000M\Omega$; $C > 0.33\ \mu\text{F}$ $V(R) \leq 100V \geq 2500M\Omega$;
 $V(R) > 100V \geq 5000M\Omega$



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CAP		50/63VDC				100/160VDC				250VDC				400VDC				630VDC			
CODE	μF	P	W	T	H	P	W	T	H	P	W	T	H	P	W	T	H	P	W	T	H
103	0.01	5	7.3	5	7.0	7.5	11	4.8	8.0	7.5	11	4.8	8.0	7.5	11	4.8	8.0	7.5	11	5.2	8.3
																			10	13	4.6
153	0.15	5	7.3	5	7.5	7.5	11	4.8	8.0	7.5	11	4.8	8.0	7.5	11	4.8	8.0	7.5	11	5.1	8.4
																			10	13	5.3
223	0.022	5	7.3	5	7.5	7.5	11	4.8	8.1	7.5	11	4.8	8.1	7.5	11	4.8	8.1	7.5	11	5.1	9
																			10	13	4.7
333	0.033	5	7.3	5	7.5	7.5	11	4.8	8.1	7.5	11	4.8	8.1	7.5	11	4.8	8.1	10	13	4.8	11.2
473	0.047	5	7.3	5	7.5	7.5	11	5.2	8.7	7.5	11	4.6	8.7	7.5	11	5.4	9.1	10	13	6.3	11
														10	13	4.9	9				
683	0.068	5	7.3	5	8	7.5	11	5.2	8.6	7.5	11	4.9	9	7.5	11	6.3	9.5	10	13	7.3	12
										10	13	4.6	8.7	10	13	5.3	10.2	15	18	5.6	10.3
104	0.1	5	7.3	5.5	8.5	7.5	11	4.7	8.8	7.5	11	5.7	9.9	10	13	5.7	12.1	15	18	5.7	12.1
										10	13	5.2	10.1								
154	0.15	7.5	11	4.6	8.8	7.5	11	5.2	9.4	10	13	6.1	11	15	18	5.2	11.6	15	18	7.2	13.5
224	0.22	7.5	11	4.7	8.9	7.5	11	5.4	9.6	10	13	7.3	12.2	15	18	5.9	12.4	15	18	8.6	14.7
						10	13	5.5	10.4	15	18	5.5	10.4	20	23	4.9	11.4	20	23	7.2	13.5
																			22.5	26	6.6
334	0.33	7.5	11	5.7	9.7	10	13	6.6	11.5	15	18	6.4	11.4	15	18	7.2	13.6	20	23	7.8	15.7
		10	13	4.8	9	15	18	4.9	10.8	20	23	5.3	10.2	20	23	5.9	12.4	22.5	26	7	15
474	0.47	7.5	11	5.4	9.6	10	13	6.7	11.7	15	18	7.5	12.4	15	18	8.7	15.1	20	23	9.3	17.2
		10	13	5.3	10.3	15	18	5.2	11.7	20	23	6.2	11.1	20	23	7	13.5	22.5	26	8.4	16.4
															22.5	26	6.4	12.8			
684	0.68	10	13	6.3	11.2	15	18	6.1	12.7	15	18	8.9	13.9	20	23	8.1	16.1	20	23	11.6	19.5
		15	18	4.8	9.8					20	23	7.5	12.4	22.5	26	7.3	15.3	22.5	26	10.5	18.4
																			27.5	31	9.7
105	1.0	15	18	5.2	11.7	15	18	7.4	13.9	15	18	10.8	15.7	20	23	9.8	17.8	27.5	31	11.1	20.5
										20	23	8.9	13.9	22.5	26	8.9	16.9				
										22.5	26	7.4	14.9	27.5	31	8.2	16.2				
155	1.5	15	18	6.1	12.7	15	18	9.1	15.6	20	23	10.1	16.6	22.5	26	10.9	18.9	27.5	31	13.7	23.2

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		20	23	5.7	10.7	20	23	7.4	13.9	22.5	26	9.2	15.7	27.5	31	10	18	31	35	12.6	22
225	2.2	15	18	7.5	14.1	15	18	11.9	16.8	20	23	11.6	19.7	27.5	31	11.5	21.1	27.5	31	16.8	26.3
		20	23	6.3	12.8	20	23	9	15.5	22.5	26	10.5	18.5	31	35	10.5	20.1	31	35	15.4	24.8
						22.5	26	8.1	14.6	27.5	31	9.6	17.7								
335	3.3	15	18	8.7	16.8	20	23	10.4	18.5	22.5	26	13	21.1	27.5	31	14.3	23.8	27.5	31	19.1	28.5
		20	23	7.1	15.2	22.5	26	9.4	17.4	27.5	31	11.8	19.9	31	35	13	22.6	31	35	17.4	26.9
		22.5	26	6.6	14.7					31	35	10.2	19.8								
475	4.7	20	23	8.6	16.8	22.5	26	10.7	20.4	27.5	31	13.5	23.2	27.5	31	17.3	26.9				
		22.5	26	8	16.2	27.5	31	9.6	19.3	31	35	12.4	22	31	35	15.8	25.4				
685	6.8	20	23	9.9	19.6	27.5	31	11.9	21.5	27.5	31	16.7	26.3								
		22.5	26	9.1	18.8	31	35	10.8	20.4	31	35	15.2	24.8								
106	10	22.5	26	11.3	21	27.5	31	14.8	24.4	31	35	18.9	28.5								
		27.5	31	9.9	19.6	31	35	13.4	23.1												
156	15	27.5	31	12.5	22.1	27.5	31	18.5	28.2												
		31	35	11.5	21.2	31	35	16.9	26.5												
226	22	27.5	31	15.5	25.2	27.5	31	19.4	29.1												
		31	35	14.4	24	31	35	17.6	27.4												

可根据客户需求定制(Special design for requirements)