



## Miniature Metallized Polyester Film Capacitor

JGS33 (CL21X)是以金属化聚酯膜为介质和电极，以镀锡铜包钢线为端子，并以环氧树脂封装。

此系列产品广泛使用在阻隔，耦合，临界耦合，旁路，滤波和计时电路，以及通讯，数据处理，工业设备和控制系统装置。

JGS33 (CL21X)are non-inductively wound with special metallized polyester film as dielectric and electrode, with copper-clad steel leads and epoxy resin coating.

They are suitable for blocking, coupling, decoupling, by-passing, filtering and timing circuits, and are ideal for Telecommunication, DataProcessing, Industrial Instruments & Automatic Control System Equipments.



### 特性FEATURES:

- 小形，省空间  
Space-saving miniature size.
- 自愈特性。  
Self-healing properties.
- 焊锡性佳。  
Good solderability.
- 可编带供自动插件作业  
Available on tape and reel for automatic insertion.

### 技术要求 SPECIFICATIONS:

1. 工作温度 OPERATING TEMPERATURE : -40℃ -- +85℃.
2. 容量范围 CAPACITANCE RANGE: 0.002 $\mu$ F -- 1.0 $\mu$ F.
3. 容量误差 CAPACITANCE TOLERANCE:  $\pm$  5%(J),  $\pm$  10%(K).
4. 额定电压 RATED VOLTAGE : 50/63/100 VDC.
5. 损耗 DISSIPATION FACTOR:1.0% max. at 1KHz, 25℃.
6. 绝缘阻抗 INSULATION RESISTANCE : 10,000 MOhm min. for C $\leq$ 0.33 $\mu$ F.  
3,300 MOhm\* $\mu$ F/C min. for C > 0.33 $\mu$ F.
7. 耐压强度 DIELECTRIC STRENGTH : 150% of rated voltage for 5 sec.

Part Number	Rated Cap. $\mu$ F	50VDC					Part Number	Rated Cap	63VDC					Part Number	Rated Cap	100VDC				
		W	H	T	P	d			W	H	T	P	d			W	H	T	P	d
		max	max	max	$\pm$ 1.0	$\pm$ 0.05			max	max	max	$\pm$ 1.0	$\pm$ 0.05			max	max	max	$\pm$ 1.0	$\pm$ 0.05
0.0022	7.5	8.0	5.0	5.0	0.6	0.0022	7.5	8.0	5.0	5.0	0.6	0.0022	7.5	8.5	5.0	5.0	0.6			
0.0033	7.5	8.0	5.0	5.0	0.6	0.0033	7.5	8.0	5.0	5.0	0.6	0.0033	7.5	8.5	5.0	5.0	0.6			
0.0039	7.5	8.0	5.0	5.0	0.6	0.0039	7.5	8.0	5.0	5.0	0.6	0.0039	7.5	8.5	5.0	5.0	0.6			
0.0047	7.5	8.0	5.0	5.0	0.6	0.0047	7.5	8.0	5.0	5.0	0.6	0.0047	7.5	8.5	5.0	5.0	0.6			
0.0056	7.5	8.0	5.0	5.0	0.6	0.0056	7.5	8.0	5.0	5.0	0.6	0.0056	7.5	8.5	5.0	5.0	0.6			
0.0068	7.5	8.0	5.0	5.0	0.6	0.0068	7.5	8.0	5.0	5.0	0.6	0.0068	7.5	8.5	5.0	5.0	0.6			
0.0082	7.5	8.0	5.0	5.0	0.6	0.0082	7.5	8.0	5.0	5.0	0.6	0.0082	7.5	8.5	5.0	5.0	0.6			
0.010	8.0	8.0	5.0	5.0	0.6	0.010	8.0	8.0	5.0	5.0	0.6	0.010	7.5	8.5	5.0	5.0	0.6			
0.015	8.0	8.0	5.0	5.0	0.6	0.015	8.0	8.0	5.0	5.0	0.6	0.015	7.5	8.5	5.0	5.0	0.6			
0.022	8.0	8.0	5.0	5.0	0.6	0.022	8.0	8.0	5.0	5.0	0.6	0.022	7.5	8.5	5.0	5.0	0.6			
0.033	8.0	8.0	5.0	5.0	0.6	0.033	8.0	8.0	5.0	5.0	0.6	0.033	7.5	8.5	5.0	5.0	0.6			
0.039	8.0	8.0	5.0	5.0	0.6	0.039	8.0	8.0	5.0	5.0	0.6	0.039	7.5	8.5	5.0	5.0	0.6			
0.047	8.0	8.0	5.0	5.0	0.6	0.047	8.0	8.0	5.0	5.0	0.6	0.047	7.5	8.5	5.0	5.0	0.6			
0.056	8.0	8.0	5.0	5.0	0.6	0.056	8.0	8.0	5.0	5.0	0.6	0.056	7.5	8.5	5.0	5.0	0.6			
0.068	8.0	8.0	5.0	5.0	0.6	0.068	8.0	8.0	5.0	5.0	0.6	0.068	7.5	8.5	5.0	5.0	0.6			
0.082	8.0	8.0	5.0	5.0	0.6	0.082	8.0	8.0	5.0	5.0	0.6	0.082	7.5	8.5	5.0	5.0	0.6			
0.10	8.0	8.0	5.0	5.0	0.6	0.10	8.0	8.0	5.0	5.0	0.6	0.10	8.0	8.5	5.0	5.0	0.6			
0.12	8.0	10.0	5.0	5.0	0.6	0.12	8.0	10.0	5.0	5.0	0.6	0.12	8.0	10.0	5.0	5.0	0.6			
0.15	8.0	10.0	5.0	5.0	0.6	0.15	8.0	10.0	5.0	5.0	0.6	0.15	8.0	10.0	5.0	5.0	0.6			
0.18	8.0	10.0	5.0	5.0	0.6	0.18	8.0	10.0	5.0	5.0	0.6	0.18	8.0	10.0	5.0	5.0	0.6			
0.22	8.0	10.0	5.0	5.0	0.6	0.22	8.0	10.0	5.0	5.0	0.6	0.22	8.0	10.0	5.0	5.0	0.6			
0.27	8.0	10.0	5.5	5.0	0.6	0.27	8.0	10.0	5.5	5.0	0.6	0.27	8.0	10.0	5.5	5.0	0.6			
0.33	8.0	10.0	5.5	5.0	0.6	0.33	8.0	10.0	5.5	5.0	0.6	0.33	8.0	11.0	6.0	5.0	0.6			
0.39	8.0	10.0	5.5	5.0	0.6	0.39	8.0	10.0	5.5	5.0	0.6	0.39	8.0	11.5	6.5	5.0	0.6			
0.47	8.0	10.0	5.5	5.0	0.6	0.47	8.0	10.0	5.5	5.0	0.6	0.47	8.0	12.0	7.0	5.0	0.6			
0.56	8.0	10.0	6.0	5.0	0.6	0.56	8.0	10.0	6.0	5.0	0.6	0.56	8.0	12.5	7.5	5.0	0.6			
0.68	8.0	10.0	6.5	5.0	0.6	0.68	8.0	10.0	6.5	5.0	0.6	0.68	8.0	12.5	8.5	5.0	0.6			
0.82	8.0	11.0	7.0	5.0	0.6	0.82	8.0	11.0	7.0	5.0	0.6	0.82	8.0	13.5	9.5	5.0	0.6			
1.00	8.0	12.0	7.5	5.0	0.6	1.00	8.0	12.0	7.5	5.0	0.6	1.00	8.0	14.5	10.5	5.0	0.6			

◎ 超出上述范围之需求，请先与我们联系，确认是否承制。

For inquiry of items out of above range or with special dimensions, please do not hesitate to contact with us for availability.

◎ 上述规格仅供参考，实际规格以规格承认书为准。

Specifications are subject to change without notice. Please refer to approval sheets for final and mutually agreed specifications.