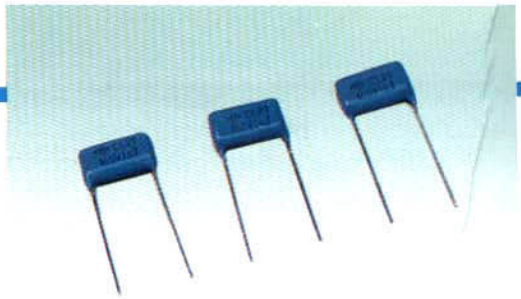
CL21 型金屬化聚酯薄膜電容器

CL21 METALLIZED POLYESTER FILM CAPACITOR



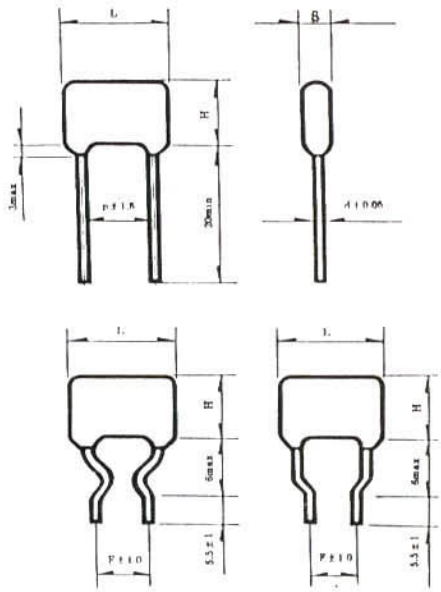
CL21型電容器采用環氧樹脂包封，具有體積小、重量輕、容量範圍寬等特點，其自愈性能好、壽命長，有優良的電性能，適用于直流和脉動電路中.

CL21 Capacitor,which is encapsulated with a coating of epoxy resin,is of wide capacitance range,small size,light weight, good self—healing property,long life and excellent electric performance.It is suitable for DC and pulsating circuits.

技術特性：Technical Characteristics

項　目 Item	性　能 Performance				試驗條件 Test Condition
氣候類別 Climatic Category	55/085/21				
容量允許偏差 Capacitance Tolerance	J(±5%), K(±10%), M(±20%)				
損耗角正切 Dissipation Factor	$C_R \leqslant 1\mu f$, ≤0.008 $C_R > 1\mu f$, ≤0.01				20°C,1KHZ
耐電壓 Withstand Voltage	無永久性擊穿或飛弧 No permanent breakdown and flashover				1.5U_R,5s
絕緣電阻 Insulation Resistance	$C_R > 0.33\mu f$,		$C_R \leqslant 0.33\mu f$,		20°C U_R<500V,100VDC $U_R \geqslant$ 500V,500VDC
	U_R>100V	$U_R \leqslant$ 100V	U_R>100V	$U_R \leqslant$ 100V	
	2500S	1250S	15000MΩ	7500MΩ	
可焊性 Solderability	鍍錫良好 Good tinning				不老化，槽焊法 Groove soldering,no ageing
引出端強度 Terminal strength	無可見損傷 No visible damage				拉力:10N,10s Tension strength:10N,10s 彎曲:連續2次，5N Bend strength:5N,twice
振　動 Vibration	無可見損傷 No visible damage				10～500HZ 0.75mm,6h
碰　撞 Bump	外觀無可見損傷No visible damage ΔC/C≤5%; Δtgδ≤0.003,$C_R \leqslant 1\mu f$;Δtgδ≤0.002,$C_R > 1\mu f$; Ri≥規定值的50%(50% of stipulated value)				4000次(times) 390m/s² 6ms
穩態濕熱 Damp Heat, Steady state	無可見損傷，標志清晰 No visible damage,marking clear ΔC/C≤5%;Δtgδ≤0.005 Ri≥規定值的50%(50% of stipulated value)				40°C 90% 21d
耐久性 Durability	無可見損傷，標志清晰 No visible damage,marking clear ΔC/C≤5%; Δtgδ≤0.003,$C_R \leqslant 1\mu f$;Δtgδ≤0.002,$C_R > 1\mu f$; Ri≥規定值的50%(50% of stipulated value)				+85°C 2000h 1.25U_R
標　准 Standard	IEC384-2				

外形圖：Outline Drawing



外形尺寸：Dimensions

額定電壓 / 外形尺寸(mm) 標稱電容量 (μf)	100VDC					(160VDC)250VDC					400VDC					630VDC				
	Lmax	Hmax	Bmax	P	d	Lmax	Hmax	Bmax	P	d	Lmax	Hmax	Bmax	P	d	Lmax	Hmax	Bmax	P	d
0.01											12.5	11.5	7.0	8.5	0.6	15.5	11.5	7.0	11.0	0.6
0.015											12.5	12.5	7.5	8.5	0.6	15.5	12.5	7.5	11.0	0.6
0.022											15.5	11.5	7.0	11.0	0.6	15.5	11.5	7.0	11.0	0.6
0.033											15.5	12.5	8.0	11.0	0.6	15.5	12.5	8.0	11.0	0.6
0.047						12.5	12.0	7.0	8.5	0.6	15.5	12.5	8.0	11.0	0.6	15.5	12.5	8.0	15.0	0.6
0.068						12.5	12.5	7.5	8.5	0.6	15.5	12.5	8.5	11.0	0.6	18.0	13.0	9.0	15.0	0.6
0.10	12.5	12.0	7.0	8.5	0.6	15.5	12.0	7.0	11.0	0.6	18.0	13.0	9.0	15.0	0.6	26.0	14.5	9.0	21.0	0.8
0.15	12.5	12.5	7.5	8.5	0.6	15.5	13.0	8.5	11.0	0.6	20.5	14.5	9.0	15.0	0.6	26.0	16.5	10.0	21.0	0.8
0.22	15.5	12.5	7.5	11.0	0.6	20.5	14.0	7.5	11.0	0.6	20.5	16.0	10.5	15.0	0.6	26.0	19.0	12.0	21.0	0.8
0.33	15.5	13.0	8	11.0	0.6	20.5	14.5	8.5	15.0	0.6	26.0	17.5	10.5	21.0	0.8	26.0	20.5	13.5	21.0	0.8
0.47	15.5	14.5	9.0	11.0	0.6	20.5	16.5	10.0	15.0	0.8	26.0	19.5	12.5	21.0	0.8	37.5	23.5	13.0	31.0	0.8
0.68	20.5	14.5	8.5	15.0	0.6	20.5	18.0	11.0	15.0	0.8	26.0	21.5	14.0	21.0	0.8	37.5	25.5	15.5	31.0	0.8
1.0	20.5	15.5	10.0	15.0	0.8	29.0	19.0	10.5	26.0	0.8	37.5	24.5	13.5	31.0	0.8	42.5	26.5	17.0	37.0	1.0
1.5	20.5	17.5	11.5	15.0	0.8	29.0	20.0	12.0	26.0	0.8	37.5	28.0	15.5	31.0	1.0	42.5	29.5	19.5	37.0	1.0
2.2	26.0	19.5	12.0	21.0	0.8	29.0	24.0	15.0	26.0	0.8	42.5	28.5	18.0	37.0	1.0	42.5	32.5	22.5	37.0	1.0
3.3	26.0	22.5	14.0	21.0	0.8	41.5	24.0	14.0	37.0	0.8	42.5	32.0	20.5	37.0	1.0					
4.7	37.5	23.5	13.0	31.0	0.8	41.5	27.0	16.0	37.0	1.0	42.5	35.5	24.5	37.0	1.0					
6.8	37.5	27.5	15.5	31.0	1.0	41.5	30.0	20.0	37.0	1.0										
10.0	37.5	31.0	18.0	31.0	1.0	41.5	37.0	23.5	37.0	1.0										