

Film Capacitors

EF2-CL20 Metallized Polyester Film Capacitors **ELECSOUND®**

CL20 are non-inductively wound with metallized polyester film as dielectric/electrode with copper-clad steel leads, wrapped with polyester adhesive tape and ends filled with epoxy resin.

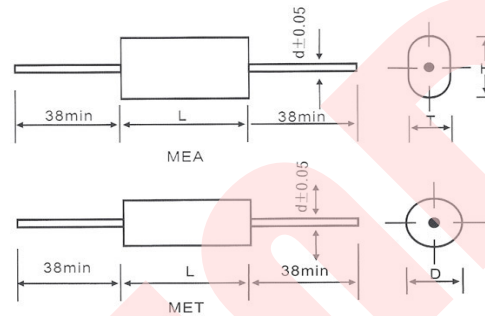
Features:

- Small size, Light weight, Axial type
- Wide capacitance range
- Excellent self-healing property
- Suitable for blocking, by-pass and coupling of DC and signals to VHF range
- Widely used in filter, noise suppression and low pulse circuits

Technical Specifications:

- Reference Standard: GB7332 (IEC60384-2)
- Climatic Category: 40/85/21
- Rated Voltage: 100V, 250V, 400V, 630V
- Capacitance Range: 0.01 ~ 10.0μF
- Capacitance Tolerance: ±5% (J); ±10% (K)
- Voltage Proof: 1.6UR (2S)
- Dissipation Factor: ≤0.01 (20°C, 1 KHz)
- Insulation Resistance:

- Ur > 100V ≥7500MΩ, Cr ≤ 0.33μF (20°C, 1 min) ≥2500S, Cr >0.33μF (20°C, 1 min)
- Ur ≤ 100V ≥3750MΩ, Cr ≤ 0.33μF (20°C, 1 min) ≥1250S, Cr >0.33μF (20°C, 1 min)



外形图 Outline Drawing

Dimensions: (mm)

μF	100VDC					250VDC					400VDC					630VDC				
	L	H	T	D	d	L	H	T	D	d	L	H	T	D	d	L	H	T	D	d
0.01	15	7.5	3	6	0.6	15	7.5	3	6	0.6	15	7.5	3	6	0.6	15	7.5	3	6	0.6
0.015	15	7.5	3	6	0.6	15	7.5	3	6	0.6	15	8	3	6	0.6	15	8	3	6	0.6
0.022	15	7.5	3	6	0.6	15	7.5	3	6	0.6	15	8.5	3.5	6.5	0.6	15	8.5	3.5	6.5	0.6
0.033	15	8	3	6	0.6	15	8	3	6	0.6	15	8.5	3.5	6.5	0.6	15	9	4	7	0.6
0.039	15	8	3	6	0.6	15	8	3	6	0.6	15	8.5	3.5	6.5	0.6	15	9.5	4.5	7.5	0.6
0.047	15	8	3.5	6.5	0.6	15	8	3.5	6.5	0.6	15	8.5	3.5	6.5	0.6	15	11	4.5	8.5	0.6
0.056	15	8	3.5	6.5	0.6	15	8	3.5	6.5	0.6	15	8.5	4	7	0.6	15	11.5	5	9	0.6
0.068	15	8.5	3.5	6.5	0.6	15	8.5	3.5	6.5	0.6	15	9	4	7	0.6	15	12	5.5	9.5	0.6
0.082	15	8.5	3.5	6.5	0.6	15	8.5	3.5	6.5	0.6	15	9.5	4.5	7.5	0.6	15	12.5	6	10	0.6
0.1	15	8.5	4	7	0.6	15	8.5	4	7	0.6	15	11	4.5	8.5	0.6	20	11	4.5	8.5	0.8
0.12	15	8.5	4	7	0.6	15	8.5	4	7	0.6	15	11	5	9	0.6	20	11.5	5	9	0.8
0.15	15	9	4.5	7.5	0.6	15	9	4.5	7.5	0.6	15	12	5.5	9.5	0.6	20	12	5.5	9.5	0.8
0.18	15	9.5	4.5	7.5	0.6	15	9.5	4.5	7.5	0.6	15	12.5	6	10	0.6	20	12.5	6	10	0.8
0.22	15	11	4.5	8.5	0.6	15	11	4.5	8.5	0.6	15	13	7	11	0.6	25	12	5.5	9.5	0.8
0.27	15	11.5	5	9	0.6	15	11.5	5	9	0.6	15	14	7.5	11.5	0.8	25	12.5	6	10	0.8
0.33	15	11.5	5	9	0.6	20	10.5	4	8	0.6	20	12	6	10	0.8	25	13	7	11	0.8
0.39	15	12	5.5	9.5	0.6	20	11	4.5	8.5	0.8	20	12.5	6.5	10.5	0.8	25	14	7.5	11.5	0.8
0.47	15	12	6	10	0.6	20	11.5	5	9	0.8	20	13.5	7	11	0.8	32	13.5	7	11	0.8
0.56	15	13	6.5	10.5	0.6	20	12	5.5	9.5	0.8	20	14	8	12	0.8	32	14	7.5	11.5	0.8
0.68	20	11.5	5	9	0.6	20	12.5	6	10	0.8	20	15	8.5	12.5	0.8	32	16	8	13	0.8
0.82	20	12	5.5	9.5	0.6	20	13	6.5	10.5	0.8	20	16	9.5	13.5	0.8	32	17	9	14	0.8
1	20	12.5	6.5	10.5	0.8	25	12.5	6	10	0.8	25	16	8	13	0.8	32	18	10	15	0.8
1.2	20	13.5	7	11	0.8	25	13	6.5	10.5	0.8	25	16.5	9	14	0.8	32	19	11	16	0.8
1.5	20	14	8	12	0.8	25	14	7	12	0.8	25	18	10	15	0.8	32	21	12	18	0.8
1.8	20	15	8.5	12.5	0.8	25	15.5	8	13	0.8	25	19	11	16	0.8	32	22.5	13	19	1
2.2	25	15	7.5	12.5	0.8	33	16	7	13	0.8	33	18	10	15	0.8	32	24	15	21	1
2.7	25	16	8.5	13.5	0.8	33	17	7.5	13.5	0.8	33	20	10.5	16.5	0.8					
3.3	32	15.5	8	13	0.8	33	18	8.5	14.5	0.8	33	21.5	12	18	1					
3.9	32	16.5	8.5	13.5	0.8	33	18.5	9.5	15.5	0.8	33	22.5	13	19	1					
4.7	32	18.5	9	15	0.8	33	20	10.5	16.5	1	33	24	14.5	20.5	1					
5.6	32	19.5	10	16	0.8	33	21	11.5	17.5	1										
6.8	32	20.5	11	17	1	33	22.5	13	19	1										
10	32	23.5	14	20	1	37	24	15	21	1										

Note: Capacitors of special specifications are made according to customer's need.