

Film Capacitors

EF3 - CL21 Metallized Polyester Film Capacitors **ELECSOUND**®

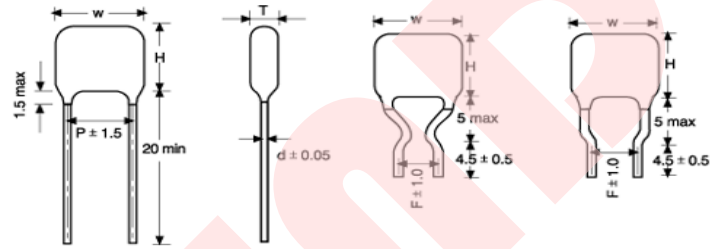
Elecsound CL21 are non-inductively wound with metallized polyester film as the dielectric/electrode with copper-clad steel leads and epoxy resin coating.

Features:

- Wide capacitance range, small size and light weight
- Excellent self-healing property and long life
- 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 μ F
- Capacitance Tolerance: \pm 5% (J) ; \pm 10% (K)
- Voltage Proof: 1.6UR (2S)
- Dissipation Factor: \leq 0.01 (20 $^{\circ}$ C, 1 KHz)
- Insulation Resistance:
 - \geq 7500M Ω @ UR > 100V, Cr \leq 0.33 μ F (20 $^{\circ}$ C, 1 min)
 - \geq 2500S @ UR > 100V, Cr > 0.33 μ F (20 $^{\circ}$ C, 1 min)
 - \geq 3750M Ω @ UR \leq 100V, Cr \leq 0.33 μ F (20 $^{\circ}$ C, 1 min)
 - \geq 1250S @ UR \leq 100V, Cr \leq 0.33 μ F (20 $^{\circ}$ C, 1 min)



Dimensions: (mm)

μ F	100VDC					250VDC					400VDC					630VDC				
	W	H	T	P	D	W	H	T	P	D	W	H	T	P	D	W	H	T	P	D
0.01	13.5	9	4	10	0.6	13.5	9	4	10	0.6	13.5	9	4	10	0.6	13.5	9	4	10	0.6
0.015	13.5	9.5	4	10	0.6	13.5	9.5	4	10	0.6	13.5	9.5	4.5	10	0.6	13.5	9.5	4.5	10	0.6
0.022	13.5	9.5	4.5	10	0.6	13.5	10	4.5	10	0.6	13.5	10	5	10	0.6	13.5	10	5	10	0.6
0.033	13.5	10	4.5	10	0.6	13.5	10	4.5	10	0.6	13.5	10	5	10	0.6	13.5	11	5.5	10	0.6
0.039	13.5	10	5	10	0.6	13.5	10	5	10	0.6	13.5	10	5.5	10	0.6	13.5	11.5	6	10	0.6
0.047	13.5	10	5	10	0.6	13.5	10	5	10	0.6	13.5	10.5	5.5	10	0.6	14	13.3	6	10	0.6
0.056	13.5	10	5	10	0.6	13.5	10	5	10	0.6	13.5	11	5.5	10	0.6	14	13.5	6.5	10	0.6
0.068	13.5	10.5	5.5	10	0.6	13.5	10.5	5.5	10	0.6	13.5	11	6	10	0.6	14	14	7	10	0.6
0.082	13.5	10.5	5.5	10	0.6	13.5	10.5	5.5	10	0.6	13.5	11.5	6	10	0.6	14	15	8.5	10	0.8
0.1	13.5	10.5	5.5	10	0.6	13.5	10.5	5.5	10	0.6	14	13	6	10	0.6	19.5	13	6.5	15	0.8
0.12	13.5	10.5	5.5	10	0.6	13.5	10.5	5.5	10	0.6	14	13.5	7	10	0.6	19.5	13.5	7	15	0.8
0.15	13.5	11	6	10	0.6	14	11	6	10	0.6	14	14	7.5	10	0.6	19.5	14.5	7.5	15	0.8
0.18	14	11.5	6.5	10	0.6	14	11.5	6.5	10	0.6	14	14.5	8	10	0.6	19.5	15	8	15	0.8
0.22	14	13	6.5	10	0.6	14	13	6.5	10	0.6	14	15.5	9	10	0.6	24.5	14.5	7.5	20	0.8
0.27	14	13.5	7	10	0.6	14	13.5	7	10	0.6	14	16.5	9.5	10	0.8	24.5	15	8.5	20	0.8
0.33	14	13.5	7	10	0.6	19.5	13	6.5	15	0.6	19.5	14.5	8	15	0.8	24.5	16	9	20	0.8
0.39	14	14	7.5	10	0.6	19.5	13.5	7	15	0.6	19.5	15.5	8.5	15	0.8	24.5	16.5	10	20	0.8
0.47	14	14.5	8	10	0.6	19.5	14	7	15	0.6	19.5	16	9	15	0.8	30.5	16	9.5	26.5	0.8
0.56	14	15	8.5	10	0.6	19.5	14.5	7.5	15	0.6	19.5	16.5	10	15	0.8	30.5	17	10	26.5	0.8
0.68	19.5	14	7.5	15	0.6	19.5	15	8	15	0.6	19.5	17.5	11	15	0.8	30.5	19	10.5	26.5	0.8
0.82	19.5	14.5	8	15	0.6	19.5	15.5	9	15	0.6	19.5	18.5	11.5	15	0.8	30.5	19.5	11.5	26.5	0.8
1	19.5	15.5	8.5	15	0.8	24.5	15	8.5	20	0.8	24.5	18.5	10	20	0.8	30.5	20.5	12.5	26.5	0.8
1.2	19.5	16	9	15	0.8	24.5	16	9	20	0.8	24.5	19.5	11	20	0.8	31	22	13.5	26.5	0.8
1.5	19.5	17	10	15	0.8	24.5	17.5	9.5	20	0.8	24.5	20.5	12.5	20	0.8	31	24.5	14.5	26.5	0.8
1.8	19.5	18	11	15	0.8	24.5	18.5	10	20	0.8	24.5	22	13.5	20	0.8	31	26	16	26.5	0.8
2.2	24.5	18	9.5	20	0.8	32	19	9	27.5	0.8	32	21	12.5	27.5	0.8	31	27.5	17.5	26.5	1
2.7	24.5	19	10.5	20	0.8	32	20	10	27.5	0.8	32	23	13	27.5	0.8					
3.3	31	18.5	10	26.5	0.8	32	21	11	27.5	0.8	32	24.5	14.5	27.5	1					
3.9	31	19.5	11	26.5	0.8	32	22	12	27.5	0.8	32	25.5	16	27.5	1					
4.7	31	21.5	11.5	26.5	0.8	32	23	13	27.5	0.8	33	27.5	17.5	27.5	1					
5.6	31	22.5	12.5	26.5	0.8	32	24	14	27.5	0.8										
6.8	31	23.5	13.5	26.5	1	32	25.5	15.5	27.5	1										
10	31	26.5	16.5	26.5	1	36	27.5	17.5	31.5	1										

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