

Film Capacitors

EF4 - CL23 Box Metallized Polyester Film Capacitors

ELECSOUND®

CL23 are non-inductively wound with metallized polyester film as dielectric/electrode with copper-clad steel leads and encapsulated in a plastic case sealed with epoxy resin.

Features:

- Box type provides the identical dimensions
- Excellent flame retardant abilities
- Excellent self-healing property and high reliability
- 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)

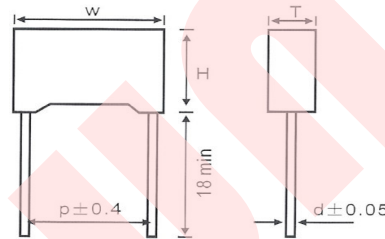
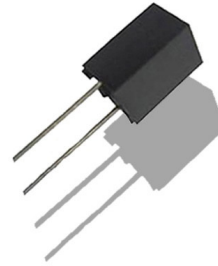
Voltage Proof: 1.6UR (2S)

Dissipation Factor: ≤0.01 (20°C, 1 KHz)

Insulation Resistance:

$U_r > 100V \geq 7500M\Omega$, $C_r \leq 0.33\mu F$ (20°C, 1 min)
 $\geq 2500S$, $C_r > 0.33\mu F$ (20°C, 1 min)

$U_r \leq 100V \geq 3750M\Omega$, $C_r \leq 0.33\mu F$ (20°C, 1 min)
 $\geq 1250S$, $C_r > 0.33\mu F$ (20°C, 1 min)



Dimensions: (mm)

μF	50/63VDC					100VDC					250VDC					400VDC					630VDC				
	W	H	T	P	d	W	H	T	P	d	W	H	T	P	d	W	H	T	P	d	W	H	T	P	d
0.001	7.2	6.5	2.5	5	0.5	7.2	6.5	2.5	5	0.5	10.5	7	2.5	7.5	0.6	10.5	8.5	3.5	7.5	0.6	10.5	8.5	3.5	7.5	0.6
0.0015	7.2	6.5	2.5	5	0.5	7.2	6.5	2.5	5	0.5	10.5	7	2.5	7.5	0.6	10.5	8.5	3.5	7.5	0.6	10.5	8.5	3.5	7.5	0.6
0.0022	7.2	6.5	2.5	5	0.5	7.2	6.5	2.5	5	0.5	10.5	7	2.5	7.5	0.6	10.5	8.5	3.5	7.5	0.6	10.5	8.5	3.5	7.5	0.6
0.0033	7.2	6.5	2.5	5	0.5	7.2	6.5	2.5	5	0.5	10.5	7	2.5	7.5	0.6	10.5	8.5	3.5	7.5	0.6	10.5	8.5	3.5	7.5	0.6
0.0047	7.2	6.5	2.5	5	0.5	7.2	6.5	2.5	5	0.5	10.5	7	2.5	7.5	0.6	10.5	9	4	7.5	0.6	10.5	9	4	7.5	0.6
0.0068	7.2	6.5	2.5	5	0.5	7.2	6.5	2.5	5	0.5	10.5	7	2.5	7.5	0.6	10.5	9	4	7.5	0.6	10.5	9	4	7.5	0.6
0.01	7.2	6.5	2.5	5	0.5	7.2	6.5	2.5	5	0.5	10.5	7	2.5	7.5	0.6	13	9	4	10	0.6	10.5	9	4	7.5	0.6
0.015	7.2	6.5	2.5	5	0.5	7.2	6.5	2.5	5	0.5	10.5	7	2.5	7.5	0.6	13	9	4	10	0.6	10.5	11	6	7.5	0.6
0.022	7.2	6.5	2.5	5	0.5	7.2	6.5	2.5	5	0.5	10.5	7	2.5	7.5	0.6	13	9	4	10	0.6	10.5	12	6	7.5	0.6
0.033	7.2	6.5	2.5	5	0.5	7.2	6.5	2.5	5	0.5	10.5	8.5	3.5	7.5	0.6	13	9	4	10	0.6	18	11	5	15	0.8
0.047	7.2	6.5	2.5	5	0.5	7.2	6.5	2.8	5	0.5	10.5	9	4	7.5	0.6	13	11	5	10	0.6	18	11	5	15	0.8
0.068	7.2	6.5	2.5	5	0.5	7.2	6.5	3	5	0.5	10.5	11	5	7.5	0.6	13	11	5	10	0.6	18	12	6	15	0.8
0.1	7.2	6.5	2.5	5	0.5	7.2	8.5	3.5	5	0.5	10.5	11	5	7.5	0.6	13	11	5	10	0.6	18	13.5	7.5	15	0.8
0.15	7.2	6.5	3	5	0.5	7.2	9.5	4.5	5	0.5	10.5	12	6	7.5	0.6	13	11	5	10	0.6	18	14.5	8.5	15	0.8
0.22	7.2	6.5	3.5	5	0.5	7.2	9.5	4.5	5	0.5															
0.33	7.2	6.5	3.5	5	0.5	7.2	11	7	5	0.5															
0.47	7.2	6.5	4.5	5	0.5	7.2	13	7.2	5	0.5															
0.68	7.2	10	5	5	0.5																				
1.0	7.2	10	6	5	0.5																				

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