

# Film Capacitors

## EF1 - CL11 Mylar Film Metal Foil Capacitor

IECSOUND®

CL11 Mylar capacitors are inductively wound with polyester film as the dielectric and aluminum foil as the electrode with copper-clad steel leads and epoxy resin coated.

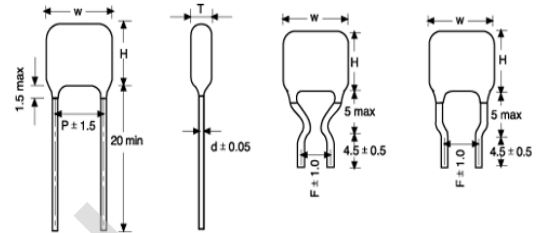
### Features:

- Small size , light weight and low cost
- High stability and reliability
- Dissipation factor is small because the leads are directly welded to electrodes
- Widely used in DC and pulsating circuits of broadcasting and TV-sets, Communication equipment, monitor, energy – saving lamps and various electronic equipments



### Technical Specifications:

- Reference Standard: GB6346 (IEC 60384-11)
- Climatic Category: 40/85/21
- Rated Voltage: 50V, 63V, 100V, 160V, 250V, 400V, 630V, 1000V, 1200V
- Capacitance Range: 0.001 ~ 0.47μF
- Capacitance Tolerance: ±5% (J) ; ±10% (K)
- Voltage Proof: 2UR (5S)
- Dissipation Factor: ≤0.01 (20°C, 1 KHz)
- Insulation Resistance:
  - ≥10000MΩ, Cr > 0.1μF (20°C, 1 min)
  - ≥30000MΩ, Cr ≤ 0.1μF (20°C, 1 min)



### Dimensions: (mm)

μF	50VDC					63/100VDC					160VDC					250VDC					400VDC					630VDC					1000VDC					1200VDC							
	W	H	T	D	P	W	H	T	D	P	W	H	T	D	P	W	H	T	D	P	W	H	T	D	P	W	H	T	D	P	W	H	T	D	P	W	H	T	D	P			
0.001	5	7	3	1	4	6	11	3	1	4	6.5	11	3	1	4	7	11	4	1	4	6	12	4	0.5	4	8	12	4.5	1	4	8	14	5	1	4	8	14	6	1	5			
0.0015	5	7	3	1	4	6	11	3	1	4	6.5	11	3	1	4	7	11	4	1	4	7	12	4	0.5	4	8	12	4.5	1	4	8	14	5	1	4	8	14	6	1	5			
0.0018	5	7	3	1	4	6	11	3	1	4	6.5	11	3	1	4	7	11	4	1	4	7	13	4	0.5	4	9	13	4.5	1	5	8	14	5	1	5	8	14	6	1	5			
0.0022	5.5	7	3	1	4	6	11	3	1	4	6.5	11	3	1	4	7	11	4	1	4	7	13	4	0.5	4	9	13	4.5	1	5	8	14	5	1	5	8	14	6	1	5			
0.0027	5.5	7	3	1	4	6	11	3	1	4	6.5	11	3	1	4	7	11	4	1	4	7	13	5	0.5	6	9	13	5	1	5	9	14	6	1	5	9	15	6	1	5			
0.0033	5.5	7	3	1	4	6	11	3	1	4	6.5	11	3	1	4	7	11	4	1	4	7	13	5	0.5	6	9	13	5	1	5	9	14	6	1	5	10	15	6	1	5			
0.0047	5.5	8	3	1	4	6	11	3	1	4	6.5	11	3	1	4	7	11	4	1	4	8	14	5	0.5	6	10	14	5.5	1	5	10	16	7	1	6	10	16	7	1	6			
0.0056	5.5	8	3	1	4	6	11	3	1	4	7	11	4	1	5	7	11	4	1	5	9	14	6	0.5	6	10	14	5.5	1	6	10	16	7	1	6	11	16	7	1	6			
0.0068	5.5	8	3	1	4	6	11	3	1	4	7	11	4	1	5	7	11	4	1	5	9	14	6	0.5	6	11	16	6	1	6	10	16	7	1	6	11	17	7	1	6			
0.0082	5.5	8	3	1	4	7	11	3	1	4	8	13	4	1	5	8	13	4	1	5	10	15	7	0.5	7	11	16	6	1	6	12	17	8	1	7	13	17	9	1	7			
0.01	5.5	8	3	1	4	7	11	3	1	5	8	13	4	1	5	8	13	4	1	5	10	15	7	0.5	7	11	17	6.5	1	7	12	17	8	1	7	13	17	9	1	7			
0.015	6	8	4	1	4	8	12	4	1	5	8.5	14	5	1	5	9	14	5	1	5	10	16	7	0.5	7	12	17	6.5	1	7													
0.022	6.5	9	4	1	4	8	12	4	1	5	9	14	6	1	6	9	14	6	1	6	10	17	7	0.5	7	13	18	7	1	7													
0.027	6.5	9	4	1	4	8	12	4	1	5	10	15	6	1	6	10	15	6	1	6	12	19	7	0.5	8	14	20	8.5	1	8													
0.033	7.5	9	4	1	5	8	12	4	1	5	10	15	6	1	6	10	15	6	1	6	12	19	7	0.5	8	14	20	8.5	1	8													
0.039	7.5	9	4	1	5	9	12	5	1	5	12	16	7	1	7	13	18	9	1	7	14	20	9	0.6	9	17	24	11	1	9													
0.047	7.5	10	5	1	6	9	12	5	1	5	12	16	7	1	7	13	18	9	1	7	14	20	9	0.6	9	17	24	11	1	9													
0.056	7.5	10	5	1	6	10	13	5	1	8	12	16	8	1	7	14	21	9	1	8	16	22	11	0.6	9																		
0.068	8	10	5	1	6	10	13	5	1	8	13	16	8	1	7	14	21	9	1	8	16	22	11	0.6	9																		
0.082	9	10	5	1	6	11	13	6	1	8	14	17	8	1	8	16	22	10	1	9	17	23	11	0.6	12																		
0.1	9	10	5	1	6	11	13	6	1	8	14	17	8	1	8	16	22	10	1	9	17	23	11	0.6	12																		
0.15	9.5	12	6	1	6	12	15	7	1	8																																	
0.18	9.5	12	6	1	7	14	15	7	1	9																																	
0.22	11	12	6	1	7	14	15	7	1	9																																	
0.27	11	12	6	1	7	16	18	8	1	10																																	
0.33	11	15	8	1	8	16	18	8	1	10																																	
0.39	11	15	8	1	8	16	18	9	1	10																																	
0.47	11	15	8	1	8	16	18	9	1	10																																	

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