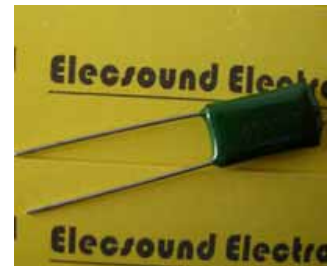


## CL11 Polyester Film Metal Foil Capacitor

### Structure:

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

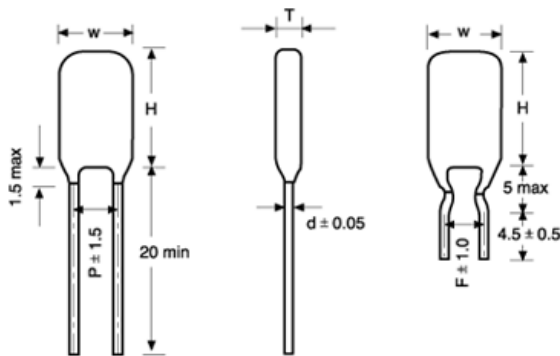


### Features:

- ◆ 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 ~ 0.47 $\mu$ F
- ◆ Capacitance Tolerance:  $\pm$ 5% (J) ;  $\pm$ 10% (K)
- ◆ Voltage Proof: 2UR (5S)
- ◆ Dissipation Factor:  $\leq$ 0.01 (20 , 1 KHz)
- ◆ Insulation Resistance:  $\geq$ 30000M $\Omega$ , Cr  $\leq$  0.1 $\mu$ F (20 , 1 min) Insulation
- ◆ Resistance:  $\geq$ 10000M $\Omega$ , Cr > 0.1 $\mu$ F (20 , 1 min)



**Dimensions: (mm)**

μF	50VDC					63/100VDC					160VDC				
	W	H	T	D	P	W	H	T	D	P	W	H	T	D	P
0.001	5.0	7.0	2.5	0.5	3.5	6.0	10.5	2.8	0.5	3.5	6.5	11.0	3.4	0.5	3.5
0.0015	5.0	7.0	2.5	0.5	3.5	6.0	10.5	2.8	0.5	3.5	6.5	11.0	3.4	0.5	3.5
0.0018	5.0	7.0	2.5	0.5	3.5	6.0	10.5	2.8	0.5	3.5	6.5	11.0	3.4	0.5	3.5
0.0022	5.5	7.0	3.0	0.5	3.5	6.0	10.5	2.8	0.5	3.5	6.5	11.0	3.4	0.5	3.5
0.0027	5.5	7.0	3.0	0.5	3.5	6.0	10.5	2.8	0.5	3.5	6.5	11.0	3.4	0.5	3.5
0.0033	5.5	7.0	3.0	0.5	3.5	6.0	10.5	2.8	0.5	3.5	6.5	11.0	3.4	0.5	3.5
0.0047	5.5	7.5	3.0	0.5	3.5	6.0	10.5	2.8	0.5	3.5	6.5	11.0	3.4	0.5	3.5
0.0056	5.5	7.5	3.0	0.5	3.5	6.0	10.5	2.8	0.5	3.5	7.0	11.0	4.0	0.5	5.0
0.0068	5.5	7.5	3.0	0.5	3.5	6.0	10.5	2.8	0.5	3.5	7.0	11.0	4.0	0.5	5.0
0.0082	5.5	7.5	3.0	0.5	3.5	6.5	10.5	3.0	0.5	3.5	8.0	13.0	4.0	0.5	5.0
0.01	5.5	7.5	3.0	0.5	3.5	6.5	10.5	3.0	0.5	5.0	8.0	13.0	4.0	0.5	5.0
0.015	6.0	7.5	3.5	0.5	3.5	7.5	11.5	3.5	0.5	5.0	8.5	13.5	4.5	0.5	5.0
0.022	6.5	9.0	3.5	0.5	4.0	8.0	11.5	3.5	0.5	5.0	9.0	14.0	5.7	0.5	5.5
0.027	6.5	9.0	3.5	0.5	4.0	8.0	11.5	4.0	0.5	5.0	10.0	15.0	6.3	0.5	6.0
0.033	7.5	9.0	4.0	0.5	5.0	8.0	11.5	4.0	0.5	5.0	10.0	15.0	6.3	0.5	6.0
0.039	7.5	9.0	4.0	0.5	5.0	9.0	12.0	4.5	0.5	5.0	11.5	15.5	7.0	0.5	6.5
0.047	7.5	9.5	4.5	0.5	5.5	9.0	12.0	4.5	0.5	5.0	11.5	15.5	7.0	0.5	6.5
0.056	7.5	9.5	4.5	0.5	5.5	9.5	12.5	5.0	0.5	7.5	11.5	15.5	7.5	0.6	7.0
0.068	8.0	9.5	4.5	0.5	5.5	9.5	12.5	5.0	0.5	7.5	12.5	15.5	7.5	0.6	7.0
0.082	9.0	10.0	4.5	0.5	6.0	11.0	12.5	6.0	0.5	7.5	14.0	16.5	7.5	0.6	8.0
0.1	9.0	10.0	4.5	0.5	6.0	11.0	12.5	6.0	0.5	7.5	14.0	16.5	8.0	0.6	8.0
0.15	9.5	12.0	5.5	0.5	6.0	12.0	15.0	6.5	0.6	8.0					
0.18	9.5	12.0	5.5	0.5	7.0	14.0	15.0	7.0	0.6	9.0					
0.22	10.5	12.0	6.0	0.5	7.0	14.0	15.0	7.0	0.6	9.0					
0.27	10.5	12.0	6.0	0.5	7.0	16.0	17.5	8.0	0.6	10.0					
0.33	11.0	14.5	7.5	0.6	7.5	16.0	17.5	8.0	0.6	10.0					
0.39	11.0	14.5	7.5	0.6	7.5	16.0	17.5	8.5	0.6	10.0					
0.47	11.0	14.5	7.5	0.6	7.5	16.0	17.5	8.5	0.6	10.0					

Main Products: Trimming potentiometers, Leds, pcbs, capacitors, resistors, varistors

Elecsound Electronics Company Limited

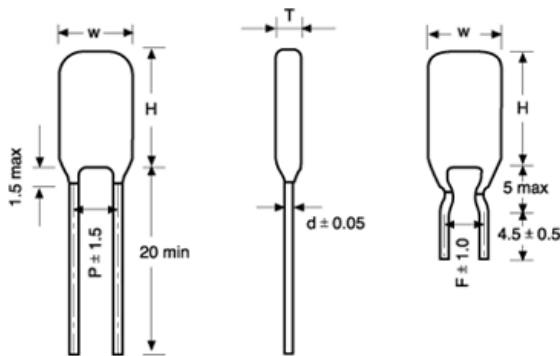
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Tel: 86 755 83045964

# Polyester Film Capacitor

# Elecsound



## Dimensions: (mm)

μF	250VDC					400VDC					630VDC				
	W	H	T	D	P	W	H	T	D	P	W	H	T	D	P
0.001	6.5	11.0	3.5	0.5	3.5	6.0	11.5	4.0	0.5	4.0	7.5	12.0	4.5	0.5	4.0
0.0015	6.5	11.0	3.5	0.5	3.5	6.5	12.0	4.0	0.5	4.0	7.5	12.0	4.5	0.5	4.0
0.0018	6.5	11.0	3.5	0.5	3.5	6.5	12.5	4.0	0.5	4.0	8.5	13.0	4.5	0.5	4.5
0.0022	6.5	11.0	3.5	0.5	3.5	6.5	12.5	4.0	0.5	4.0	8.5	13.0	4.5	0.5	4.5
0.0027	6.5	11.0	3.5	0.5	3.5	7.0	13.0	4.5	0.5	6.0	9.0	13.0	5.0	0.5	5.0
0.0033	6.5	11.0	3.5	0.5	3.5	7.0	13.0	4.5	0.5	6.0	9.0	13.0	5.0	0.5	5.0
0.0047	6.5	11.0	3.5	0.5	3.5	8.0	14.0	5.0	0.5	6.0	10.0	14.0	5.5	0.5	5.0
0.0056	7.0	11.0	4.0	0.5	5.0	8.5	14.0	5.5	0.5	6.0	10.0	14.0	5.5	0.5	6.0
0.0068	7.0	11.0	4.0	0.5	5.0	8.5	14.0	5.5	0.5	6.0	11.0	16.0	6.0	0.5	6.0
0.0082	8.0	13.0	4.0	0.5	5.0	9.5	15.0	6.7	0.5	7.0	11.0	16.0	6.0	0.5	6.0
0.01	8.0	13.0	4.0	0.5	5.0	9.5	15.0	6.7	0.5	7.0	11.0	16.5	6.5	0.5	7.0
0.015	8.5	13.5	4.5	0.5	5.0	10.0	15.5	7.0	0.5	7.0	11.5	16.5	6.5	0.6	7.0
0.022	9.0	14.0	5.7	0.5	5.5	10.0	16.5	7.0	0.5	7.0	12.5	18.0	7.0	0.6	7.0
0.027	10.0	15.0	6.3	0.5	6.0	11.5	19.0	7.0	0.5	7.5	14.0	20.0	8.5	0.6	8.0
0.033	10.0	15.0	6.3	0.5	6.0	11.5	19.0	7.0	0.5	7.5	14.0	20.0	8.5	0.6	8.0
0.039	12.5	17.5	8.5	0.5	6.5	13.5	20.0	8.5	0.6	9.0	17.0	23.5	11.0	0.6	9.0
0.047	12.5	17.5	8.5	0.5	6.5	13.5	20.0	8.5	0.6	9.0	17.0	23.5	11.0	0.6	9.0
0.056	13.8	21.0	8.5	0.6	7.5	15.5	21.5	10.5	0.6	9.0					
0.068	13.8	21.0	8.5	0.6	7.5	15.5	21.5	10.5	0.6	9.0					
0.082	16.0	22.0	9.5	0.6	8.5	17.0	22.5	11.0	0.6	11.5					
0.1	16.0	22.0	9.5	0.6	8.5	17.0	22.5	11.0	0.6	11.5					
0.15															
0.18															
0.22															
0.27															
0.33															
0.39															
0.47															

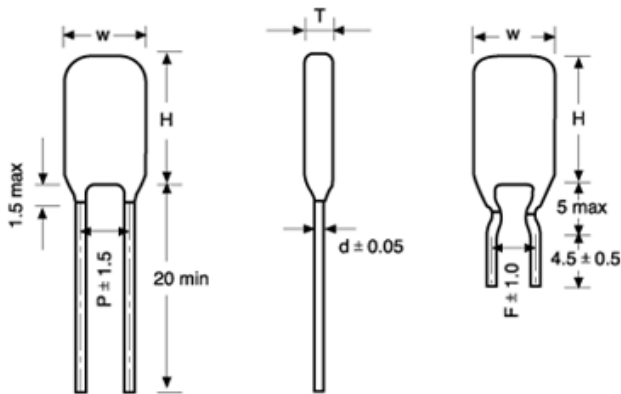
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**Dimensions: (mm)**

$\mu\text{F}$	1000VDC					1200VDC				
	W	H	T	D	P	W	H	T	D	P
0.001	8.0	14.0	5.0	0.5	4.0	8.0	14.0	5.5	0.5	5.0
0.0015	8.0	14.0	5.0	0.5	4.0	8.0	14.0	5.5	0.5	5.0
0.0018	8.0	14.0	5.0	0.5	5.0	8.0	14.0	5.5	0.5	5.0
0.0022	8.0	14.0	5.0	0.5	5.0	8.0	14.0	5.5	0.5	5.0
0.0027	9.0	14.0	6.0	0.5	5.0	9.0	15.0	6.0	0.5	5.0
0.0033	9.0	14.0	6.0	0.5	5.0	10.0	15.0	6.0	0.5	5.0
0.0047	10.0	16.0	7.0	0.5	6.0	10.0	16.0	7.0	0.5	6.0
0.0056	10.0	16.0	7.0	0.5	6.0	11.0	16.0	7.0	0.5	6.0
0.0068	10.0	16.0	7.0	0.5	6.0	11.0	17.0	7.0	0.5	6.0
0.0082	12.0	17.0	8.0	0.5	7.0	13.0	17.0	8.5	0.5	7.0
0.01	12.0	17.0	8.0	0.5	7.0	13.0	17.0	8.5	0.5	7.0

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