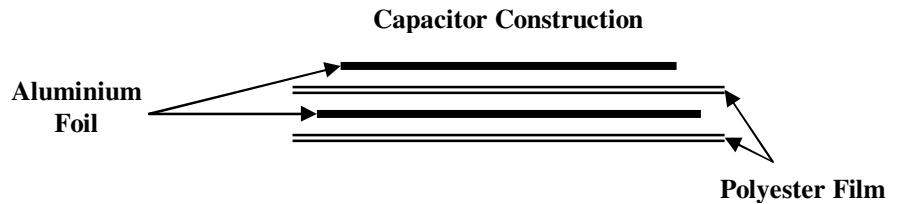


Type : Polyester Film Inductive Capacitor

Series : CL11 , 105 Degree



■ Construction

Inductively wound with polyester film as dielectric and aluminium foil as electrode with copper – clad tin plated steel leads, epoxy resin coated

■ Features

- Low weight, low price
- Low loss as the leads are directly welded to electrodes
- High stability and reliability
- High dv / dt
- Epoxy resin coating, high mechanical strength, humidity resistance

■ Application

- Widely used in DC and low pulse applications, blocking, by passing filtering and coupling / decoupling

■ Specifications

Reference Standard	GB6346 (IEC60384-11)
Rated Voltage	100Vdc-250Vdc-400Vdc-630Vdc-1000Vdc-1200Vdc
Rated Temperature	+105 ⁰ C
Operating Temperature Range	-55 ⁰ C~+ 105 ⁰ C
Climate Category	55 / 105 / 21
Capacitance Range	0.001μF~0.47μF
Capacitance Tolerance	±5% (J); ±10% (K)
Dissipation Factor (DF)	≤ 0.008 (200C, 1 KHz)
Insulation Resistance (IR)	R ≥ 30000MΩ (20 ⁰ C, 1min)
Voltage Proof	2UR (2s)
dv / dt (V / μs)	10000
Endurance Test Conditions	1500 Hours at 1.5 times of rated voltage at 85 ⁰ C
After Test Result	Δ C/C ≤ 5% of initial value Δ DF ≤ of 1.2 times of intial value IR ≥ 50% of specified value at 20 ⁰ C 1 KHz

Dimensions

Voltage	Capacitance	Wmax	Hmax	Tmax	P±1.5	d±0.05	Lead type
63/100	0.001	6	9.5	2.5	3.5	0.5	A
63/100	0.0012	6	10	3.5	3.5	0.5	A
63/100	0.0015	6	10	3	3.5	0.5	A
63/100	0.0018	6	10	3.5	3.5	0.5	A
63/100	0.0022	6	10	3.5	3.5	0.5	A
63/100	0.0024	6	10	3.5	3.5	0.5	A
63/100	0.0027	6	10	3.6	3.5	0.5	A
63/100	0.0033	6	9.5	3.5	3.5	0.5	A
63/100	0.0039	6	10	3.5	3.5	0.5	A
63/100	0.0047	6.5	11	3.5	3.5	0.5	A
63/100	0.0056	6.5	11	3.5	3.5	0.5	A
63/100	0.0068	6.5	11.5	3.5	3.5	0.5	A
63/100	0.0082	6.5	12.5	3.5	3.5	0.5	A
63/100	0.01	7	12.5	4	4	0.5	A
63/100	0.012	7	12.5	4.5	4	0.5	A
63/100	0.015	7	12.5	4	4.5	0.5	A
63/100	0.018	7.5	12.5	4	4.5	0.5	A
63/100	0.022	8	11	4.5	5.5	0.5	A
63/100	0.024	8	11.5	4.3	5.5	0.5	A
63/100	0.027	8	12	4	5.5	0.5	A
63/100	0.033	8.5	12.5	4.5	6	0.5	A
63/100	0.039	9	12.5	4.5	6	0.5	A
63/100	0.047	9.5	13	5	6.5	0.5	A
63/100	0.056	10	13	5.5	6.5	0.5	A
63/100	0.068	10.5	13	6	6.5	0.5	A
63/100	0.082	11	13	6	7	0.5	A
63/100	0.1	11.5	13.5	7	7.5	0.5	A
160	0.001	6	9.5	2.5	3.5	0.5	A
160	0.0015	6	10	3	3.5	0.5	A
160	0.0022	6	10	3.5	3.5	0.5	A
160	0.0033	6	9.5	3.5	3.5	0.5	A
160	0.0047	6.5	11	3.5	3.5	0.5	A
160	0.0056	6.5	11	3.5	3.5	0.5	A
160	0.0068	6.5	11.5	3.5	3.5	0.5	A
160	0.0082	6.5	12.5	3.5	3.5	0.5	A
160	0.01	7	12.5	4	4	0.5	A
160	0.015	7	12.5	4	4.5	0.5	A

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160	0.022	9	14.5	5	6.5	0.5	A
160	0.033	9	15	5.3	6.5	0.5	A
160	0.047	11	15	6	7	0.5	A
160	0.056	11	15.5	6.5	7	0.6	A
160	0.068	11.5	16	7	7.5	0.6	A
160	0.082	11.5	17	8	8	0.6	A
160	0.1	12	18	9	9	0.6	A
250	0.001	6	11.5	3.5	3.5	0.5	A
250	0.0015	6	12	3.5	3.5	0.5	A
250	0.0022	6.5	12.5	4	3.5	0.5	A
250	0.0033	6.5	13	4.5	4	0.5	A
250	0.0047	7	13	4.5	4	0.5	A
250	0.0056	7	13	5	4.5	0.5	A
250	0.0068	7.5	13	5	5	0.5	A
250	0.0082	8	13.5	5.5	5.5	0.5	A
250	0.01	8.5	13.5	5.5	6	0.5	A
250	0.015	9.5	14	6	6.5	0.5	A
250	0.022	10.5	14.5	6.5	7	0.5	A
250	0.033	12	14	7	7	0.5	A
250	0.047	12.5	17.5	7.5	7	0.6	A
250	0.056	13	18.5	8.5	7.5	0.6	A
250	0.068	14	20	9.5	8.5	0.6	A
250	0.082	14.5	21	10.5	9	0.6	A
250	0.1	15	21	11.5	9.5	0.6	A
400	0.001	6	12.5	3.5	3.5	0.5	A
400	0.0015	6.5	13	3.7	3.5	0.5	A
400	0.0022	7	14	4	4	0.5	A
400	0.0027	7.5	14	4.5	4.5	0.5	A
400	0.0033	7.5	14.5	4.5	4.5	0.5	A
400	0.0047	7.5	14.5	4.5	4.5	0.5	A
400	0.0056	7.5	14.5	5	5	0.5	A
400	0.0068	8.5	14.5	4.5	5.5	0.5	A
400	0.0082	8.5	15	4.5	6	0.5	A
400	0.01	9	15.5	4.5	6	0.5	A
400	0.015	9.5	16	5	6.5	0.5	A
400	0.022	10.5	18	5.5	7	0.6	A
400	0.033	11.5	18	6	7.5	0.6	A
400	0.047	13	17.5	6.5	8.5	0.6	A
400	0.056	13.5	18	7.5	9	0.6	A
400	0.068	14	19	8.5	9.5	0.6	A
400	0.082	14.5	21	10	10	0.6	A
400	0.1	16	22.5	11.5	10.5	0.6	A
630	0.001	6.5	13	3.5	4	0.5	A
630	0.0015	6.5	13	3.5	4	0.5	A

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630	0.0022	7.5	13	4	4.5	0.5	A
630	0.0027	8	13.5	4.5	4.5	0.5	A
630	0.0033	8.5	14	5	5.5	0.5	A
630	0.0047	9	14	5.5	6	0.5	A
630	0.0056	9.5	14	5.5	6.5	0.5	A
630	0.0068	11	14.5	6	7.5	0.5	A
630	0.0082	11.5	16.5	6.5	7.5	0.5	A
630	0.01	11.5	16.5	6.5	8	0.6	A
630	0.015	12.5	18.5	6.5	9	0.6	A
630	0.018	13	18.5	6.5	9	0.6	A
630	0.022	13.5	19.5	7.5	10.5	0.6	A
630	0.033	13.5	20	8.5	10.5	0.6	A
630	0.047	14	22.5	10	11	0.6	A
630	0.056	14.5	23.5	11.5	11.5	0.6	A
630	0.068	15	25	13	12.5	0.6	A
630	0.082	15.5	25.5	14	13	0.6	A
630	0.1	16	25.5	15	13.5	0.6	A
1000/1200	0.001	7	14.5	4	4.5	0.5	A
1000/1200	0.0015	7.5	15	4.5	4.5	0.5	A
1000/1200	0.0018	8	15.5	5	4.5	0.5	A
1000/1200	0.0022	8	15	4.5	5	0.5	A
1000/1200	0.0024	8	15	5	5	0.5	A
1000/1200	0.0027	8	15	5	5	0.5	A
1000/1200	0.0033	9	15.5	5.5	5.5	0.5	A
1000/1200	0.0039	9	15.5	5.5	5.5	0.5	A
1000/1200	0.0047	9	16.5	6	6	0.5	A
1000/1200	0.0056	9.5	17	6.5	6	0.6	A
1000/1200	0.0068	11	17	6.5	7	0.6	A
1000/1200	0.0082	11.5	18	7	7.5	0.6	A
1000/1200	0.01	12	19	7	8	0.6	A



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