



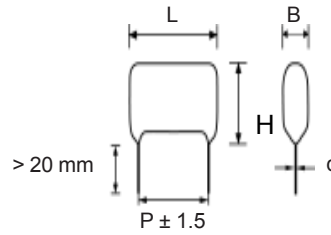
INDUCTIVE POLYESTER CAPACITORS

IED SERIES

APPLICATION : In TVs, CFL, electronic ballast, automobile, telecommunication, audio & instrumentation.

TECHNICAL DETAILS

- Dielectric** : Polyester
- Electrodes** : Foil
- Ref. Standard** : Q/320684DER01-2001
- Encapsulation** : Epoxy dip coated
- Flame Retardancy** : Conforming to UL 94 V-0
- Environmental** : 55/105/21
- Category**
- Capacitance** : ± 5 %, ± 10 %
- Tolerance**
- Test Voltage** : 2.5 x Vr (5 secs.)
- Tan Delta** : ≤ 0.008 at 1kHz
- Insulation**
- Resistance** : C ≤ 0.33 mfd : > 3.0 X 10⁴ MΩ
C > 0.33 mfd : > 10⁴ MΩμF



L	P	d
6.0	3.5	0.5
6.5	3.5, 5	0.5
7.0	4, 5	0.5
7.2	4	0.5
7.5	4, 5	0.5
8.0	4, 5, 6	0.5
8.3	5, 6.5	0.5
8.5	4.5, 5	0.5
9.0	5, 6, 6.5	0.5
9.5	6, 7.5	0.5
10.0	5, 6, 6.5	0.5, 0.6
10.5	7	0.5
11.0	6, 7, 7.5	0.5, 0.6
11.5	6.5	0.5
12.0	7	0.5, 0.6
12.5	6.5, 7.5	0.6
13.0	7	0.5
13.5	7, 9	0.6
13.8	7.5	0.6
14.0	8	0.6
14.5	7	0.6
15.5	9	0.6
16.0	8, 8.5	0.6
17.5	9	0.6
19.0	9, 12	0.6

Dimensions (max. in mm) :

Capacitance mfd.	63/100 V			160 V			250 V			400 V			630 V			1000 V			1200 V		
	L	B	H	L	B	H	L	B	H	L	B	H	L	B	H	L	B	H	L	B	H
0.001	6.0	2.8	11.5	6.5	3.5	11.5	6.5	3.5	11.0	7.0	4.0	11.5	7.5	4.5	12.0	8.0	5.0	14.0	8.0	5.5	14.0
0.0012	6.0	2.8	11.5	6.5	3.5	11.5	6.5	3.5	11.0	7.2	4.0	12.0	7.5	4.5	12.0	8.0	5.0	14.0	8.0	5.5	14.0
0.0015	6.0	2.8	11.5	6.5	3.5	11.5	6.5	3.5	11.0	7.2	4.0	12.0	7.5	4.5	12.0	8.0	5.0	14.0	8.0	5.5	14.0
0.0018	6.0	2.8	11.5	6.5	3.5	11.5	6.5	3.5	11.0	7.5	4.0	12.5	8.5	4.5	13.0	8.0	5.0	14.0	8.0	5.5	14.0
0.0022	6.0	2.8	11.5	6.5	3.5	11.5	6.5	3.5	11.0	7.5	4.5	12.5	8.5	4.5	13.0	8.0	5.0	14.0	8.0	5.5	14.0
0.0027	6.0	2.8	11.5	6.5	3.5	11.5	6.5	3.5	11.0	8.0	4.5	13.0	9.0	5.0	13.0	9.0	6.0	14.0	9.0	6.0	15.0
0.0033	6.0	2.8	11.5	6.5	3.5	11.5	6.5	3.5	11.0	8.0	5.0	13.0	9.0	5.0	13.0	9.0	6.0	14.0	10.0	6.0	15.0
0.0039	6.0	2.8	11.5	6.5	3.5	11.5	6.5	3.5	11.0	9.0	5.0	14.0	10.0	5.5	14.0	10.0	6.5	16.0	10.0	7.0	16.0
0.0047	6.0	2.8	11.5	6.5	3.5	11.5	6.5	3.5	11.0	9.0	5.5	14.0	10.0	5.5	14.0	10.0	7.0	16.0	10.0	7.0	16.0
0.0056	6.0	2.8	11.5	7.0	4.0	11.0	7.0	4.0	11.0	9.5	5.5	14.0	10.0	5.5	14.0	10.0	7.0	16.0	11.0	7.0	16.0
0.0068	6.0	2.8	11.5	7.0	4.0	11.0	7.0	4.0	11.0	9.5	6.7	14.0	11.0	7.0	16.0	10.0	7.0	16.0	11.0	7.0	16.0
0.0082	6.5	3.0	11.5	8.0	4.0	13.0	8.0	4.0	13.0	10.5	6.7	15.0	11.0	7.0	16.0	12.0	8.0	17.0	13.0	8.5	17.0
0.01	6.5	3.0	11.5	8.0	4.0	13.0	8.0	4.5	13.0	10.5	8.0	15.0	11.0	7.5	18.5	12.0	8.0	17.0	13.0	8.5	17.0
0.012	7.5	3.5	11.5	8.5	4.5	13.5	8.3	4.5	13.5	12.0	8.0	15.5	13.5	7.5	18.5						
0.015	7.5	3.5	11.5	8.5	4.5	13.5	8.3	5.7	13.5	12.0	8.0	15.5	13.5	7.5	18.5						
0.018	8.0	3.5	11.5	9.0	5.5	14.0	9.0	5.7	14.0	12.0	8.0	18.5	14.5	8.0	20.0						
0.022	8.0	3.5	11.5	9.0	5.5	14.0	9.0	6.3	14.0	12.0	8.0	18.5	14.5	8.0	20.0						
0.027	8.0	4.0	11.5	10.0	6.0	15.0	10.0	6.3	15.0	13.5	8.0	21.0	16.0	9.5	22.0						
0.033	8.0	4.0	11.5	10.0	6.0	15.0	10.0	8.5	15.0	13.5	8.0	21.0	16.0	9.5	22.0						
0.039	9.0	4.5	12.0	11.5	7.0	15.5	12.5	8.5	17.5	15.5	9.5	22.0	19.0	12.0	25.5						
0.047	9.0	4.5	12.0	11.5	7.0	15.5	12.5	8.5	17.5	15.5	9.5	22.0	19.0	12.0	25.5						
0.056	9.5	5.0	12.5	12.5	8.5	16.0	13.8	8.5	17.5	17.5	12.0	23.5									
0.068	9.5	5.0	12.5	12.5	8.5	16.0	13.8	8.5	17.5	17.5	12.0	23.5									
0.082	11.0	6.0	12.5	14.0	10.0	19.0	16.0	9.5	22.0	19.0	11.0	24.5									
0.1	11.0	6.0	12.5	14.0	10.0	19.0	16.0	9.5	22.0	19.0	11.0	24.5									



ISO 9001

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