

# SCD Metallized Polyester Film Capacitor

**Semec**

RoHS

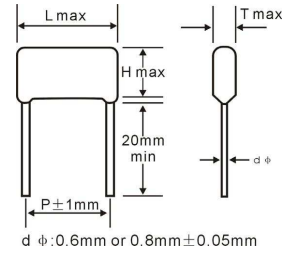
## Features

Non-Inductive construction  
Self-heating property, long life; Epoxy resin coated  
Suitable for blocking, by-passing & coupling



## Specifications

Operating Temperature -40°C ~ + 85°C  
Rated Voltage DC 100V,250V,400V,630V  
Capacitance Range 0.01uF to 10uF  
Capacitance Tolerance ±5%, ±10%,  
Insulations Resistance C<0.33µF,RC≥15,000MΩ; C≥0.33µF,RC≥5.000MΩ  
Dissipation Factor <1.0% ( at 1KHZ , 20°C)  
Dielectric Strength 150% of rated voltage for 5 seconds



Unit:mm

VDC	100V				250V				400V				630V			
	L	T	H	P±1	L	T	H	P±1	L	T	H	P±1	L	T	H	P±1
0.01	12	4	7	10	12	4	7	10	12	4.5	7.5	10	12	4	7	10
0.015	12	5	8	10	12	5	8	10	12	5	8	10	12	5	8	10
0.018	12	5	8	10	12	5	8	10	12	5	8	10	12	5	8	10
0.022	12	5	8	10	12	5.5	9	10	12	5.5	9	10	12	5.5	9	10
0.027	12.5	5	9	10	12.5	5.5	9	10	12.5	5.5	9	10	12.5	5.5	9	10
0.033	12.5	5	9	10	12.5	5.5	9	10	12	5.5	9.8	10	12.5	5.5	9	10
0.039	12.5	5	9	10	12.5	5.5	9	10	12.5	6	9	10	12.5	5.5	10	10
0.047	12.5	5	9	10	12.5	5.5	10	10	12.5	6	10	10	12.5	5.5	11	10
0.056	12.5	5	9	10	12.5	5.5	10	10	12.5	6	10	10	12.5	5.5	10	10
0.068	12.5	5	9	10	12.5	5.5	10	10	12.5	6.5	10	10	12.5	5.5	10	10
0.082	12.5	5	9	10	12.5	5.5	10	10	12.5	6.5	10	10	12.5	5.5	10	10
0.1	12.5	5	9.5	10	12.5	5.5	10	10	12.5	6.5	11	10	17.5	6	11	15
0.15	12.5	5	9.5	10	12.5	5.5	10	10	12.5	6.5	12	10	17.5	8	13	15
0.18	12.5	6	10	10	12.5	6	10.5	10	17	5	10	15	17.5	8	13	15.5
0.22	12.5	6	10	10	12.5	6	10.5	10	17	6	12.5	15	23	8.5	14.5	20.5
0.27	17	6	9	15	17	6	10.5	15	17	6.5	11.5	15	23	8.5	14.5	20.5
0.33	17.5	6	11	15	17	6	11	15	17.5	7	13.5	15	23	8.5	14.5	20.5
0.39	17.5	7	11	15	17.5	7	13	15.5	18	7	14	15	23	10.5	15	20.5
0.47	17.5	5	10.5	15	18	7	13.5	15	18	8	14	15	23	10.5	15	20.5
0.56	17.5	5	10.5	15	17	7	13.5	15	18	9	16	15	23	10.5	15.5	20.5
0.68	17	7	13.5	15	18	7	13.5	15	23	8	14	20.5	23	11	18	20.5
0.82	18	7.5	13.5	15	18	7	13.5	15	23.5	8.5	16	20.5	29.5	9	20	26.5
1	18	7.5	14	15	22	7.5	13	20	23.5	9	19	20.5	29.5	11	21	26.5
1.2	23	7.5	14.5	20	23	8	16	20	23.5	9.5	19.5	20.5	29.5	10.5	20.5	26.5
1.5	23	7.5	16	20	23	8	16.5	20.5	24	10	22	20.5	29.5	13	23	26.5
1.8	23	8.5	16.5	20	23	8.5	16.5	20.5	24	12	20.5	20.5	29.5	14	24.5	26.5
2.2	23	9.5	17	20	30	8.5	17.5	27	30	12.5	21	26	30	16	26	26.5
2.5	23.5	10	18.5	20	30	8.5	19	27	30	12.5	21	26	35	17	25	30
2.7	23.5	11	20.5	20	30	9	19	27.5	30	14	21	27	35	17	27	31.5
3.3	23.5	11	20.5	20	30	9.5	20.5	27.5	30	12.5	27	27	35	19	33	31.5
4.5	30.5	12.5	23.5	27.5	30	11.5	23	27.5	30.5	15.5	26.5	27.5	35	22.5	33	31.5
4.7	30.5	12.5	23.5	27.5	30.5	13	24	27.5	34	16	24.5	31	45	17.5	27.5	41
5.2	34	12.5	24	31.5	30.5	13	24	27.5	34.5	17.5	25	31	45	20.5	29.5	41
5.6	29.5	14	26.5	27.5	31	13	24	27.5	35	20	28	31	45	22	32	41
6.8	29.5	14	26.5	27.5	30.5	16	26.5	27.5	35	20	28	31	45	22	32	41

\* The spec is subject to change without notice. Please contact us if any further queries.