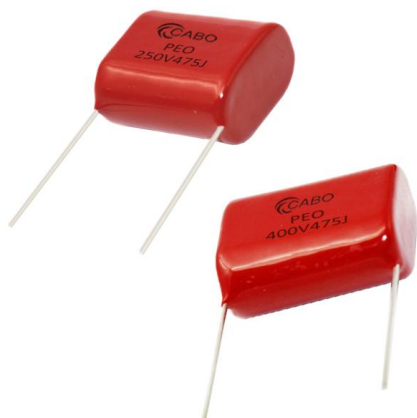


PEO series General purpose film capacitors



FEATURES

- Dry type structure
- Flexible size design
- Self-healing
- Good moisture-resistance

APPLICATIONS

- Hi-frequency, DC, AC and pulse circuits
- Communication device
- Audio
- LED light

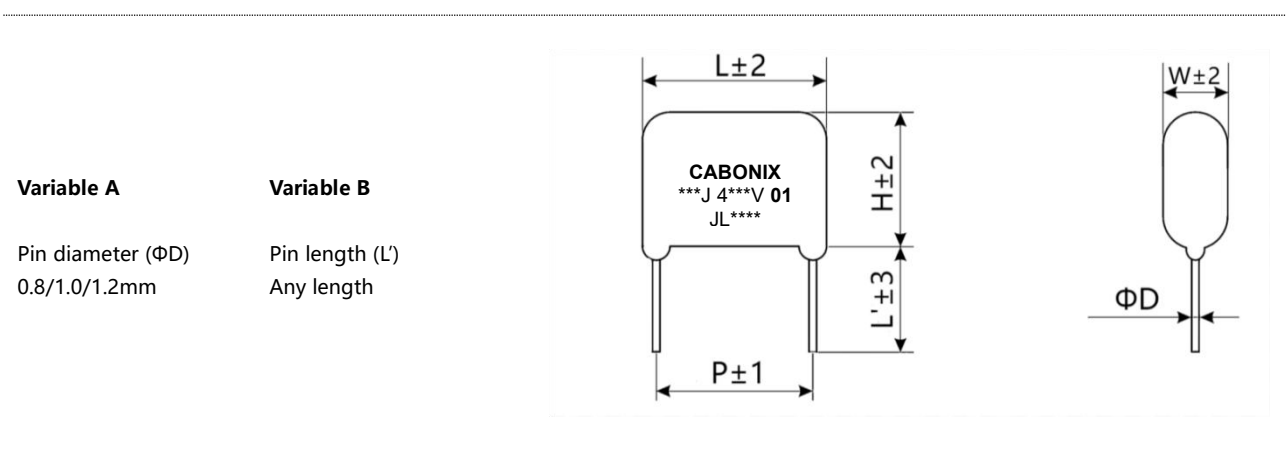
PEO SERIES EPOXY DIPPED FILM CAPACITORS

PEO series is encapsulated with epoxy resin, It have stable electrical and self-healing performance. Very Low loss and small inherent temperature rise with lame retardant epoxy resin powder coating(UL94/V-0). With fixable design, suitable for the situation where applies high frequency and high current pulse, Widely used in high frequency, DC, AC, ignition, resonance and pulse circuits,It can be widely used for LED light, communication device, audio, energizer and other appliances.

ELECTRICAL CHARACTERISTICS

Capacitance Range:	0.001~10 μ F
Operating Temperature:	-40 $^{\circ}$ C~+85 $^{\circ}$ C
Capacitance Tolerance:	\pm 5%(J); \pm 10% (K)
Rated Voltage (U _n):	250~2000V _{dc}
Test Voltage between Terminal:	1.6U _n /10s
Dissipation factor:	\leq 0.0020 (1kHz, 20 $^{\circ}$ C)
Insulation Resistance:	C _n \leq 0.33 μ F \geq 30000m Ω (100V _{dc} ,60s) C _n $>$ 0.33 μ F \geq 7500s(100V _{dc} ,60s)

OUTLINE DRAWING



Surface mounting epoxy dipped Capacitors



PEO series General purpose film capacitors

COMMON DESIGN

Rated C _n (μF)	250/275V _{dc}				400V _{dc}				630V _{dc}			
	W	T	H	P	W	T	H	P	W	T	H	P
0.1	18	6.5	12.5	15	18	6.5	12.5	15	18	6.5	12.5	15
0.15	18	6.5	12.5	15	18	6.5	12.5	15	18	7.5	14	15
0.22	18	6.5	12.5	15	18	6.5	12.5	15	18	9.5	15	20
0.33	18	6.5	12.5	15	18	7.5	14	15	23	8.5	15	20
0.47	23	7	14.5	20	23	7	14.5	20	23	9.5	17.5	20
0.56	23	7.5	15	20	23	7.5	15	20	23	10.5	18	20
0.68	23	8	16	20	23	8	16	20	23	11.5	19	20
0.82	24	7	14.5	20	23	9	16.5	20	23	12.5	20	20
1	24	7.5	15.5	20	23	10	17.5	20	23	14	21.5	20
1.2	24	8.5	16	20	23	11	18.5	20	29.5	13	21	26
1.5	24	9.5	17	20	23	12	20	20	29.5	14.5	22	26
2	24	10.5	18.5	20	23	14	22	20	29.5	17	25	26
2.2	24	11.5	19	20	29.5	12.5	20	26	29.5	18	25.5	26
2.5	24	12	20	20	29.5	13	21	26	29.5	19	27	26
3	24	13.5	21	20	29.5	14.5	22	26	35	18.5	26.5	31
3.3	24	14	21	20	29.5	15	23	26	35	19.5	27.5	31
3.5	24	14	21.5	20	29.5	15	23	26	35	20.5	28	31
4.7	28	13	23	26	29.5	14.5	23.5	26	29	16	30	26

Rated C _n (μF)	1000V _{dc}				1600V _{dc}				2000V _{dc}			
	W	T	H	P	W	T	H	P	W	T	H	P
0.0022	18	6.5	12.5	15	18	6.5	12.5	15	18	7	12.5	15
0.0047	18	9	14.5	15	18	6.5	12.5	15	18	9.5	15	15
0.0056	18	8.5	14	15	18	8.5	14	15	25	8	13.5	22
0.0068	18	7.5	13.5	15	18	7.5	13.5	15	25	8.5	14	22
0.0082	18	8.5	14	15	18	8.5	14	15	25	9	15	22
0.01	18	7	12	15	18	8	12	15	25	11	16.5	22
0.015	18	10	15.5	15	18	10	15.5	15	25	8.5	14	22

Surface mounting epoxy dipped Capacitors



PEO series General purpose film capacitors

Rated C _n (μF)	1000V _{dc}				1600V _{dc}				2000V _{dc}			
	W	T	H	P	W	T	H	P	W	T	H	P
0.02	18	10	17	15	18	10	17	15	25	9	16	22
0.022	18	10.5	17.5	15	18	10.5	17.5	15	25	10	15.5	22
0.024	18	10.5	18	15	18	10.5	18	15	25	9.5	17	22
0.027	25	8	15.5	22	25	8	15.5	22	25	10	17.5	22
0.03	25	8.5	15.5	22	25	8.5	15.5	22	25	11	18.5	22
0.039	25	9.5	16.5	22	25	9.5	16.5	22	25	12.5	20	22
0.1	34	11.5	19	31	34	11.5	19	31	34	21.5	29	31

* CABO reserves the right to make changes without further notice to any products herein to improve reliability, function or design.

* Other values and dimensions are available on request.

RELATED CAPACITOR SERIES

STA	DPB	PPC pulse grade capacitor

CABO is a leading brand of high reliability capacitors, providing specifically designed solutions to meet the reliability needs of industrial, military, medical and specialized applications worldwide.

As a well-known brand of China, CABO capacitors are among the world's most reliable component. Focus on High-End global markets and High reliability request fields, providing customization services. With world-class design, testing and manufacturing facilities in China, enable the quick turn-around for fast and mass delivery worldwide.

Our extensive custom design and development capabilities coupled with standardized mass production capacity offerings allow us to be a competitive option for power electronics industry.