

## Film Capacitor (Customization)



### ► Features

Low ESR, high ripple current handling capabilities  
Low LS, self-healing property, long lifetime

### ► Application

Widely used in switch circuit for filtering, absorbing and energy storage  
Can replace electrolytic capacitors, better performance and longer life  
Inverter, converter, power equipment, electric and hybrid car

### ► Technical data

■ Capacitance range	200 $\mu$ F ~ 5000 $\mu$ F	■ Overvoltage	(The longest duration/day)
■ Rated Voltage	300 $V_{DC}$ ~ 5000 $V_{DC}$	1.1 $U_N$ : 8h/day	
■ Capacitance Tolerance	J: $\pm 5\%$ , K: $\pm 10\%$	1.15 $U_N$ : 30min/day	
■ Dissipation factor $\text{tg}\delta$	$\leq 0.002$	1.2 $U_N$ : 5min/day	
		1.3 $U_N$ : 1min/day	
		1.5 $U_N$ : 30ms every time, 1000times during the life of the capacitor	
■ Ls	*	■ Installation	*
■ ESR	*	■ Humidity	*
■ Rth	*	■ Maximum Altitude	< 3000 m
■ Operating temperature range	-40 $^{\circ}$ C ~ 85 $^{\circ}$ C -43 $^{\circ}$ C ~ 105 $^{\circ}$ C	■ Lifetime Expectancy	100 000 h
■ Storage temperature range	-43 $^{\circ}$ C ~ 105 $^{\circ}$ C	■ Weight	*
■ Max. current $I_{rms}$	*	■ Dimension	*
■ Voltage Endurance	Between Terminals: 1.5 $U_N$ (10s) Terminals to Case: $\sqrt{2} U_N + 1000V$ (10s)		

Note: \* According to technical requirements