

# Metallized Polyester Film Capacitor (Mini-Box)

## SPKF06 MEB (CL23X) Series

### ■ Features

- Small size can be compacted favourably with the stacked film capacitors
- Low loss and good stability
- Long life due to excellent self-healing



### ■ Applications

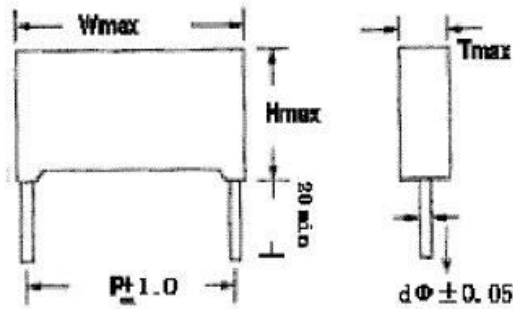
- Widely used in coupling, filter, noise-suppression by-passing of DC and pulse circuits in all kinds of machines

### ■ Specifications

Dielectric	Polyester film
Electrodes	Vacuum evaporated metal
Coating	Encapsulated in reinforced flame retardant plastic case sealed with epoxy resin meeting the requirement of UL 94V-0
Leads	Radial leads of tinned wire
Reference Standard	GB7322;IEC60384-2
Climatic Catalogue	40/85/21(From 85°C up to 105°C with derating voltage 1.25%/°C)
Capacitance Versus Rated Voltage ( $U_R$ )	0.001uF-1.0uF/50V/63V; 0.001uF-0.68uF/100VDC; 0.001uF-0.15uF/250VDC
Capacitance Tolerance:	M=±20% K=±10% J=±5%
Dissipation Factor (Tangent Of Loss)	≤1.0% (at 20°C, 1KHz)
Voltage Proof	1.6* $U_R$ Unit:VDC (5S at 20°C)
Insulation Resistance	$C \leq 0.33\mu F$ , $IR \geq 15000M\Omega$ ; $C > 0.33\mu F$ , $IR * C \geq 3000S$ $U_r \leq 100V$ Testing by 50V ; $U_r > 100V$ Testing by 100V (1 minute at 20°C and $RH \leq 65\%$ )
Endurance	1000 hours with 125% of rated voltage at 85°C, After the test: $\Delta C / C \leq 5\%$ ; $\Delta DF \leq 0.20\%$ ; $C \leq 0.1\mu F$ $IR \geq 9000M\Omega$ $C > 1\mu F$ $IR \geq 50\%$ of the specified value (20°C 1KHz)

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## Outline Drawing



## Dimension

Unit : mm

Capacitance ( $\mu$ F)	50/63 VDC					100 VDC					250 VDC				
	W	H	T	P	d $\Phi$	W	H	T	P	d $\Phi$	W	H	T	P	d $\Phi$
0.0010	7.2	6.5	2.5	5.0	0.5	7.2	6.5	2.5	5.0	0.5	7.2	6.5	2.5	5.0	0.5
0.0012	7.2	6.5	2.5	5.0	0.5	7.2	6.5	2.5	5.0	0.5	7.2	6.5	2.5	5.0	0.5
0.0015	7.2	6.5	2.5	5.0	0.5	7.2	6.5	2.5	5.0	0.5	7.2	6.5	2.5	5.0	0.5
0.0018	7.2	6.5	2.5	5.0	0.5	7.2	6.5	2.5	5.0	0.5	7.2	6.5	2.5	5.0	0.5
0.0022	7.2	6.5	2.5	5.0	0.5	7.2	6.5	2.5	5.0	0.5	7.2	6.5	2.5	5.0	0.5
0.0027	7.2	6.5	2.5	5.0	0.5	7.2	6.5	2.5	5.0	0.5	7.2	6.5	2.5	5.0	0.5
0.0033	7.2	6.5	2.5	5.0	0.5	7.2	6.5	2.5	5.0	0.5	7.2	6.5	2.5	5.0	0.5
0.0039	7.2	6.5	2.5	5.0	0.5	7.2	6.5	2.5	5.0	0.5	7.2	6.5	2.5	5.0	0.5
0.0047	7.2	6.5	2.5	5.0	0.5	7.2	6.5	2.5	5.0	0.5	7.2	6.5	2.5	5.0	0.5
0.0056	7.2	6.5	2.5	5.0	0.5	7.2	6.5	2.5	5.0	0.5	7.2	6.5	2.5	5.0	0.5
0.0068	7.2	6.5	2.5	5.0	0.5	7.2	6.5	2.5	5.0	0.5	7.2	6.5	2.5	5.0	0.5
0.0082	7.2	6.5	2.5	5.0	0.5	7.2	6.5	2.5	5.0	0.5	7.2	6.5	2.5	5.0	0.5
0.010	7.2	6.5	2.5	5.0	0.5	7.2	6.5	2.5	5.0	0.5	7.2	6.5	2.5	5.0	0.5
0.012	7.2	6.5	2.5	5.0	0.5	7.2	6.5	2.5	5.0	0.5	7.2	6.5	2.5	5.0	0.5
0.015	7.2	6.5	2.5	5.0	0.5	7.2	6.5	2.5	5.0	0.5	7.2	6.5	2.5	5.0	0.5
0.018	7.2	6.5	2.5	5.0	0.5	7.2	6.5	2.5	5.0	0.5	7.2	6.5	2.5	5.0	0.5
0.022	7.2	6.5	2.5	5.0	0.5	7.2	6.5	2.5	5.0	0.5	7.2	7.5	3.5	5.0	0.5
0.027	7.2	6.5	2.5	5.0	0.5	7.2	6.5	2.5	5.0	0.5	7.2	7.5	3.5	5.0	0.5
0.033	7.2	6.5	2.5	5.0	0.5	7.2	6.5	2.5	5.0	0.5	7.2	7.5	3.5	5.0	0.5
0.039	7.2	6.5	2.5	5.0	0.5	7.2	6.5	2.5	5.0	0.5	7.2	7.5	3.5	5.0	0.5
0.047	7.2	6.5	2.5	5.0	0.5	7.2	6.5	2.5	5.0	0.5	7.2	9.5	4.5	5.0	0.5
0.056	7.2	6.5	2.5	5.0	0.5	7.2	6.5	2.5	5.0	0.5	7.2	9.5	4.5	5.0	0.6
0.068	7.2	6.5	2.5	5.0	0.5	7.2	6.5	2.5	5.0	0.5	7.2	9.5	4.5	5.0	0.6
0.082	7.2	6.5	2.5	5.0	0.5	7.2	6.5	2.5	5.0	0.5	7.2	10.0	5.0	5.0	0.6
0.10	7.2	6.5	2.5	5.0	0.5	7.2	7.5	3.5	5.0	0.5	7.2	10.0	5.0	5.0	0.6
0.12	7.2	6.5	2.5	5.0	0.5	7.2	9.5	4.5	5.0	0.6	7.2	11.0	6.0	5.0	0.6
0.15	7.2	7.5	3.5	5.0	0.5	7.2	9.5	4.5	5.0	0.6	7.2	11.0	6.0	5.0	0.6
0.18	7.2	7.5	3.5	5.0	0.5	7.2	9.5	4.5	5.0	0.6					
0.22	7.2	7.5	3.5	5.0	0.5	7.2	10.0	5.0	5.0	0.6					
0.27	7.2	9.5	4.5	5.0	0.6	7.2	10.0	5.0	5.0	0.6					
0.33	7.2	9.5	4.5	5.0	0.6	7.2	11.0	6.0	5.0	0.6					
0.39	7.2	9.5	4.5	5.0	0.6	7.2	11.0	6.0	5.0	0.6					
0.47	7.2	10.0	5.0	5.0	0.6	7.2	11.0	6.0	5.0	0.6					
0.56	7.2	10.0	5.0	5.0	0.6	7.2	11.0	6.0	5.0	0.6					
0.68	7.2	11.0	6.0	5.0	0.6	7.2	11.0	6.0	5.0	0.6					
0.82	7.2	11.0	6.0	5.0	0.6										
1.0	7.2	11.0	6.0	5.0	0.6										

Special size or items on request