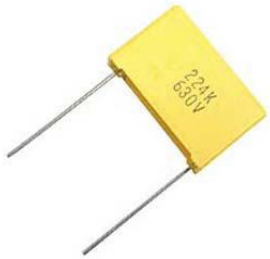
Metallized Polypropylene Film Capacitor (Box Type)

SPKF11 MPC (CBB23)



■ Features

- High property moisture resistance
- Self-healing
- Non-inductive construction
- Super physical and environmental characteristics

■ Applications

- Filter and noise suppression circuit
- Pulse, logic and timing circuit
- DC-blocking, by-passing and signal coupling in general communication's equipment

■ Specifications

Dielectric	Polypropylene film
Electrodes	Vacuum evaporated metal or Aluminum foil
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	IEC 384-16; GB 10190-1988
Climatic Catalogue	40/85/21(From 85℃ up to 105℃ with derating voltage 1.25%/℃)
Capacitance Versus Rated Voltage (U_R)	0.001uF-2.2uF/100V; 0.001uF-2.2uF/250VDC; 0.001uF-2.2uF/400VDC; 0.001uF-2.2uF/630VDC
Capacitance Tolerance:	M=±20% K=±10% J=±5%
Dissipation Factor (Tangent Of Loss)	C≤1.0uF DF≤0.8% ; C>1.0uF DF≤1.0% (at 20℃,1KHZ)
Voltage Proof	1.6*U_R Unit:VDC (5S at 20℃)
Insulation Resistance	C≤0.33uF, IR≥30000MΩ; C>0.33uF , IR*C≥5000S (1 minute at 20℃ and RH≤65%)
Endurance	1000 hours with 125% of rated voltage at 85℃,After the test: ΔC/C≤5%; ΔDF≤0.40%(C>1uF); ΔDF≤0.50%(C≤1uF) IR≥50% of the specified value (20℃ 1KHz)

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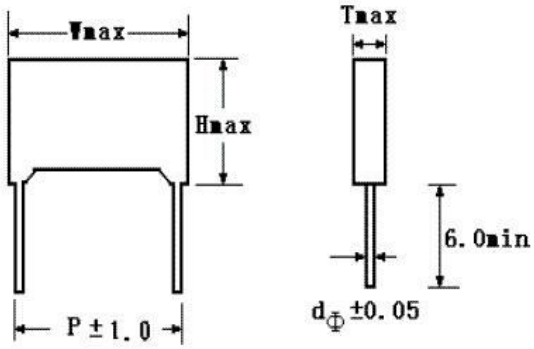
■ Outline Drawing



■ Dimension

Unit : mm

Capacitance (uF)	100VDC					250VDC					400VDC					630VDC				
	W	H	T	P	dø	W	H	T	P	dø	W	H	T	P	dø	W	H	T	P	dø
0.0010	10.5	9.0	4.0	7.5	0.6	10.5	9.0	4.0	7.5	0.6	10.5	9.0	4.0	7.5	0.6	10.5	9.0	4.0	7.5	0.6
0.0015	10.5	9.0	4.0	7.5	0.6	10.5	9.0	4.0	7.5	0.6	10.5	9.0	4.0	7.5	0.6	10.5	9.0	4.0	7.5	0.6
0.0022	10.5	9.0	4.0	7.5	0.6	10.5	9.0	4.0	7.5	0.6	10.5	9.0	4.0	7.5	0.6	10.5	9.0	4.0	7.5	0.6
0.0033	10.5	9.0	4.0	7.5	0.6	10.5	9.0	4.0	7.5	0.6	10.5	9.0	4.0	7.5	0.6	10.5	9.0	4.0	7.5	0.6
0.0047	10.5	9.0	4.0	7.5	0.6	10.5	9.0	4.0	7.5	0.6	10.5	9.0	4.0	7.5	0.6	10.5	9.0	4.0	7.5	0.6
0.0068	13.0	9.0	4.0	10.0	0.6	13.0	9.0	4.0	10.0	0.6	13.0	9.0	4.0	10.0	0.6	13.0	9.0	4.0	10.0	0.6
0.010	13.0	9.0	4.0	10.0	0.6	13.0	9.0	4.0	10.0	0.6	13.0	9.0	4.0	10.0	0.6	13.0	9.0	4.0	10.0	0.6
0.015	13.0	9.0	4.0	10.0	0.6	13.0	9.0	4.0	10.0	0.6	13.0	9.0	4.0	10.0	0.6	13.0	9.0	4.0	10.0	0.6
0.022	13.0	9.0	4.0	10.0	0.6	13.0	9.0	4.0	10.0	0.6	13.0	9.0	4.0	10.0	0.6	13.0	9.0	6.0	10.0	0.6
0.033	13.0	9.0	4.0	10.0	0.6	13.0	9.0	4.0	10.0	0.6	13.0	11.0	5.0	10.0	0.6	18.0	12.0	5.0	15.0	0.8
0.047	13.0	9.0	4.0	10.0	0.6	13.0	9.0	4.0	10.0	0.6	13.0	12.0	6.0	10.0	0.6	18.0	12.0	6.0	15.0	0.8
0.068	13.0	9.0	4.0	10.0	0.6	13.0	9.0	4.0	10.0	0.6	13.0	12.0	6.0	10.0	0.6	18.0	10.0	5.0	15.0	0.6
											18.0	12.0	6.0	15.0	0.8	18.0	13.5	7.5	15.0	0.8
0.100	13.0	12.0	6.0	10.0	0.6	13.0	12.0	6.0	10.0	0.6	13.0	12.0	6.0	10.0	0.6	18.0	12.0	6.0	15.0	0.8
											18.0	12.0	6.0	15.0	0.8	18.0	14.5	8.5	15.0	0.8
0.150	18.0	10.0	5.0	15.0	0.8	18.0	10.0	5.0	15.0	0.8	18.0	13.5	7.5	15.0	0.8	26.5	15.0	6.0	22.5	0.8
											18.0	14.5	8.5	15.0	0.8	26.5	16.0	7.0	22.5	0.8
0.220	18.0	12.0	6.0	15.0	0.8	18.0	12.0	6.0	15.0	0.8	18.0	14.5	8.5	15.0	0.8	26.5	16.0	7.0	22.5	0.8
											26.5	16.0	7.0	22.5	0.8	32.0	20.0	11.0	27.5	0.8
0.33	18.0	13.5	7.5	15.0	0.8	18.0	13.5	7.5	15.0	0.8	18.0	16.0	10.0	15.0	0.8	26.5	17.0	9	22.5	0.8
											26.5	17.0	8.5	22.5	0.8	32.0	20.0	11	27.5	0.8
0.47	18.0	16.0	10.0	15.0	0.8	18.0	16.0	10.0	15.0	0.8	18.0	18.0	10.0	15.0	0.8	26.5	18.5	10	22.5	0.8
	26.5	16.0	7.0	22.5	0.8	26.5	16.0	7.0	22.5	0.8	26.5	18.5	10.0	22.5	0.8	32.0	22.0	13	27.5	0.8
0.68	18.0	18.0	10.0	15.0	0.8	18.0	18.0	10.0	15.0	0.8	26.5	18.5	10.0	22.5	0.8	32.0	20.0	11	27.5	0.8
	26.5	17.0	8.5	22.5	0.8	26.5	17.0	8.5	22.5	0.8	32.0	20.0	11.0	27.5	0.8					
1.00	26.5	18.5	10.0	22.5	0.8	26.5	18.5	10.0	22.5	0.8	26.0	21.5	12.0	22.5	0.8	32.0	22.0	13	27.5	0.8
											32.0	22.0	13.0	27.5	0.8					
1.5	32.0	20.0	11.0	27.5	0.8	32.5	20.0	11.0	27.5	0.8	31.5	24.5	14.0	27.5	0.8	32.0	30.0	15	27.5	0.8
2.2	32.0	22.0	13.0	27.5	0.8	32.5	22.0	13.0	27.5	0.8	32.0	30.0	15.0	27.5	0.8	31.0	31.0	18	27.5	0.8

Special size or items on request