

jb[®] Box Type Met Polypropylene Film Capacitor – JFM

■ FEATURES

- High reliability at high current stress.
- Self-healing properties.
- Flame retardant plastic case and epoxy resin.
- Low losses, high dv / dt capability.
- High moisture resistance.
- High stability of capacitance and long life.

■ SPECIFICATIONS

- Operating Temperature -40°C ~ +85°C
- Rated Voltage 250V, 400V, 630V.DC, 1000V.DC/500V.AC
- Capacitance Range 0.001 ~ 3.3 μF
- Capacitance Tolerance ±2%, ±5%, ±10%
- Insulation Resistance 30,000MΩ min. for C ≤ 0.33 μF
10,000MΩ * μF/C min. for C > 0.33 μF
- Dissipation Factor 0.1% max. at 1KHz, 25°C
- Dielectric Strength 150% of rated voltage for 5 sec.



■ STANDARD SIZE

Rated Cap.	250VDC					Rated Cap.	400VDC					Rated Cap.	630VDC								
	±1.0	±1.0	±1.0	±1.0	±0.05		±1.0	±1.0	±1.0	±1.0	±0.05		±1.0	±1.0	±1.0	±1.0	±0.05				
4700pF	13.0	9.0	4.0	10.0	0.6	4700pF	13.0	9.0	4.0	10.0	0.6	4700pF	13.0	9.0	4.0	10.0	0.6				
5600pF	13.0	9.0	4.0	10.0	0.6	5600pF	13.0	9.0	4.0	10.0	0.6	5600pF	13.0	9.0	4.0	10.0	0.6				
6800pF	13.0	9.0	4.0	10.0	0.6	6800pF	13.0	9.0	4.0	10.0	0.6	6800pF	13.0	9.0	4.0	10.0	0.6				
8200pF	13.0	11.0	5.0	10.0	0.6	8200pF	13.0	11.0	5.0	10.0	0.6	8200pF	13.0	11.0	5.0	10.0	0.6				
0.010uF	13.0	11.0	5.0	10.0	0.6	0.010uF	13.0	11.0	5.0	10.0	0.6	0.010uF	13.0	11.0	5.0	10.0	0.6				
0.012uF	13.0	11.0	5.0	10.0	0.6	0.015uF	13.0	11.0	5.0	10.0	0.6	0.012uF	13.0	11.0	5.0	10.0	0.6				
0.015uF	13.0	11.0	5.0	10.0	0.6	0.022uF	13.0	11.0	5.0	10.0	0.6	0.015uF	13.0	11.0	5.0	10.0	0.6				
0.018uF	13.0	11.0	5.0	10.0	0.6	0.027uF	13.0	11.0	5.0	10.0	0.6	0.022uF	13.0	12.0	6.0	10.0	0.6				
0.022uF	13.0	11.0	5.0	10.0	0.6	0.033uF	13.0	11.0	5.0	10.0	0.6	0.027uF	18.0	11.0	5.0	15.0	0.6				
0.027uF	13.0	11.0	5.0	10.0	0.6	0.047uF	13.0	12.0	6.0	10.0	0.6	0.027uF	13.0	13.0	7.0	10.0	0.6				
0.033uF	13.0	11.0	5.0	10.0	0.6	0.068uF	18.0	11.0	5.0	15.0	0.6	0.033uF	18.0	11.0	5.0	15.0	0.6				
0.039uF	13.0	11.0	5.0	10.0	0.6	0.082uF	18.0	12.0	6.0	15.0	0.8	0.033uF	13.0	13.0	7.0	10.0	0.6				
0.047uF	13.0	11.0	5.0	10.0	0.6	0.10uF	18.0	12.0	6.0	15.0	0.8	0.033uF	18.0	12.0	6.0	15.0	0.8				
0.056uF	13.0	11.0	5.0	10.0	0.6	0.15uF	18.0	14.5	8.5	15.0	0.8	0.047uF	18.0	13.5	7.5	15.0	0.8				
0.068uF	13.0	12.0	6.0	10.0	0.6	0.22uF	26.5	16.5	7.0	22.5	0.8	0.068uF	18.0	14.5	8.5	15.0	0.8				
0.082uF	13.0	12.0	6.0	10.0	0.6	0.27uF	26.5	16.5	7.0	22.5	0.8	0.082uF	18.0	15.5	9.5	15.0	0.8				
0.10uF	13.0	12.0	6.0	10.0	0.6	0.33uF	26.5	17.0	8.5	22.5	0.8	0.10uF	18.0	16.0	10.0	15.0	0.8				
0.12uF	13.0	12.0	6.0	10.0	0.6	0.47uF	26.5	19.0	10.0	22.5	0.8	0.15uF	26.5	16.0	7.0	22.5	0.8				
0.15uF	13.0	12.0	6.0	10.0	0.6	0.56uF	26.5	20.0	11.5	22.5	0.8	0.15uF	26.5	17.0	8.5	22.5	0.8				
	18.0	11.0	5.0	15.0	0.6	0.68uF	26.5	20.0	11.5	22.5	0.8	0.22uF	26.5	19.0	10.0	22.5	0.8				
0.18uF	13.0	13.0	7.0	10.0	0.6	0.82uF	31.5	19.5	11.0	27.5	0.8	0.27uF	26.5	20.0	11.5	22.5	0.8				
	18.0	11.0	5.0	15.0	0.6	1.0uF	32.0	22.0	13.0	27.5	0.8	0.33uF	31.5	19.5	11.0	27.5	0.8				
0.22uF	18.0	12.0	6.0	15.0	0.8	1.5uF	32.0	30.0	15.0	27.5	0.8	0.39uF	31.5	21.5	13.0	27.5	0.8				
	26.5	15.0	6.0	22.5	0.8	2.2uF	32.0	28.0	18.0	27.5	0.8	0.47uF	31.5	25.0	14.0	27.5	0.8				
0.27uF	18.0	13.0	6.3	15.0	0.8	1000VDC										Rated Cap.	W	H	T	P	d
	26.5	15.0	6.0	22.5	0.8	Rated Cap.	±1.0	±1.0	±1.0	±1.0	±0.05	Rated Cap.	±1.0	±1.0	±1.0						
0.33uF	18.0	13.5	7.5	15.0	0.8	1000pF	13.0	9.0	4.0	10.0	0.6	5600pF	13.0	11.0	5.0	10.0	0.6				
	26.5	16.5	7.0	22.5	0.8	1200pF	13.0	9.0	4.0	10.0	0.6		18.0	11.0	5.0	15.0	0.6				
0.39uF	18.0	14.5	8.5	15.0	0.8	1500pF	13.0	9.0	4.0	10.0	0.6	6800pF	13.0	11.0	5.0	10.0	0.6				
	26.5	16.5	7.0	22.5	0.8	1800pF	13.0	9.0	4.0	10.0	0.6		18.0	12.0	6.0	15.0	0.8				
0.47uF	18.0	16.5	8.5	15.0	0.8	2200pF	13.0	9.0	4.0	10.0	0.6	8200pF	13.0	12.0	6.0	10.0	0.6				
	26.5	17.0	8.5	22.5	0.8		18.0	11.0	5.0	15.0	0.6		18.0	12.0	6.0	15.0	0.8				
0.56uF	26.5	17.0	8.5	22.5	0.8	2700pF	13.0	9.0	4.0	10.0	0.6	0.010uF	13.0	13.0	7.0	10.0	0.6				
0.68uF	26.5	19.0	10.0	22.5	0.8		18.0	11.0	5.0	15.0	0.6		18.0	12.0	6.0	15.0	0.8				
0.82uF	26.5	19.0	10.0	22.5	0.8	3300pF	13.0	9.0	4.0	10.0	0.6	0.012uF	18.0	13.5	7.5	15.0	0.8				
1.0uF	26.5	19.0	10.0	22.5	0.8		18.0	11.0	5.0	15.0	0.6		0.015uF	18.0	13.5	7.5	15.0	0.8			
	31.5	19.5	11.0	27.5	0.8	3900pF	13.0	9.0	4.0	10.0	0.6	0.018uF	18.0	14.5	8.5	15.0	0.8				
1.5uF	31.5	19.5	11.0	27.5	0.8		18.0	11.0	5.0	15.0	0.6	0.022uF	18.0	16.0	10.0	15.0	0.8				
2.2uF	31.5	21.5	13.0	27.5	0.8	4700pF	13.0	11.0	5.0	10.0	0.6	0.027uF	18.0	16.0	10.0	15.0	0.8				
2.7uF	31.5	25.0	15.0	27.5	0.8		18.0	11.0	5.0	15.0	0.6	0.033uF	18.0	19.0	11.0	15.0	0.8				
3.3uF	31.5	25.5	16.0	27.5	0.8																

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