

CBB20 Metallized Polypropylene Film Capacitor

Structure:

CBB20 are non-inductively wound with metallized polypropylene film as dielectric/electrode with copper-clad steel leads, wrapped with polyester adhesive tape and ends filled with epoxy resin.



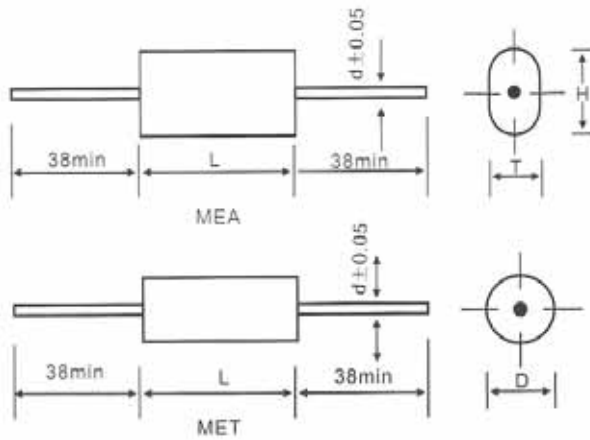
Features:

- ◆ Small size, Light weight
- ◆ Good capacitance stability
- ◆ Excellent self-healing property
- ◆ Very low loss at high frequency
- ◆ Widely used in high frequency, DC ,AC and pulse circuits

Technical Specifications:

- ◆ Reference Standard: GB10190 (IEC60384-16)
- ◆ Climatic Category: 40/85/21
- ◆ Rated Voltage: 250V, 400V, 630V
- ◆ Capacitance Range: 0.01 ~ 4.7 μ F
- ◆ Capacitance Tolerance: \pm 5% (J) ; \pm 10% (K)
- ◆ Voltage Proof: 1.6UR (2S)
- ◆ Dissipation Factor: \leq 0.001 (20 , 1 KHz)
- ◆ Insulation Resistance: \geq 25000M Ω , Cr \leq 0.33 μ F (20 , 1 min)
- Resistance: \geq 7500S , Cr > 0.33 μ F (20 , 1 min)

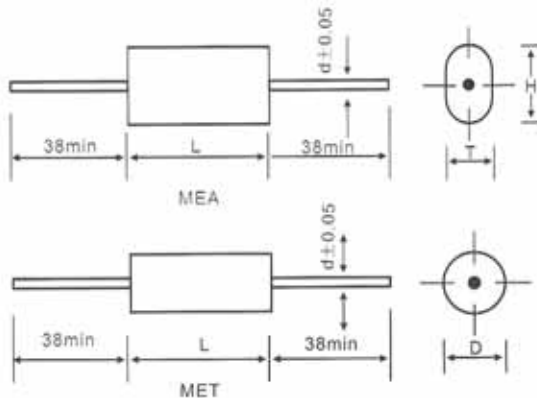
Insulation



外形图 Outline Drawing

Dimensions: (mm)

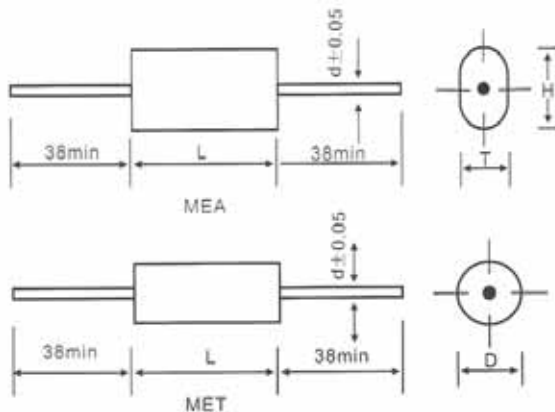
μF	250VDC					μF	250VDC				
	L	H	T	D	d		L	H	T	D	d
0.01	15.0	9.0	3.5	6.5	0.6	0.22	20.0	13.0	6.0	10.0	0.8
0.012	15.0	9.0	3.5	6.5	0.6	0.27	20.0	14.0	6.5	10.5	0.8
0.015	15.0	9.5	4.0	7.0	0.6	0.33	20.0	14.5	7.5	11.5	0.8
0.018	15.0	10.0	4.5	7.5	0.6	0.39	25.0	13.5	6.5	10.5	0.8
0.022	15.0	8.5	3.5	6.5	0.6	0.47	25.0	14.5	7.5	11.5	0.8
0.027	15.0	9.0	3.5	6.5	0.6	0.56	25.0	15.0	8.0	12.0	0.8
0.033	15.0	9.0	4.0	7.0	0.6	0.68	25.0	16.0	9.0	13.0	0.8
0.039	15.0	9.5	4.0	7.0	0.6	0.82	25.0	17.0	10.0	14.0	0.8
0.047	15.0	10.0	4.5	7.5	0.6	1.0	25.0	18.0	11.0	15.0	0.8
0.056	15.0	10.0	4.5	7.5	0.6	1.2	25.0	19.0	12.0	16.0	0.8
0.068	15.0	10.5	5.0	8.0	0.6	1.5	30.0	19.5	10.5	15.5	0.8
0.082	15.0	12.0	5.0	9.0	0.6	1.8	30.0	20.5	11.0	16.0	0.8
0.1	15.0	13.0	5.5	9.5	0.6	2.2	30.0	22.0	13.5	18.5	0.8
0.12	20.0	11.5	4.5	8.5	0.6	2.7	30.0	23.5	14.0	19.0	0.8
0.15	20.0	12.0	5.0	9.0	0.8	3.3	30.0	25.5	16.5	21.5	0.8
0.18	20.0	12.5	5.5	9.5	0.8	4.7	30.0	29.0	20.5	25.5	0.8



外形图 Outline Drawing

Dimensions: (mm)

μF	400VDC					μF	400VDC				
	L	H	T	D	d		L	H	T	D	d
0.01	15.0	10.0	4.0	7.0	0.6	0.22	20.0	15.0	6.5	10.5	0.8
0.012	15.0	10.0	4.0	7.0	0.6	0.27	20.0	15.5	7.0	11.0	0.8
0.015	15.0	10.5	4.5	7.5	0.6	0.33	20.0	16.5	8.0	12.0	0.8
0.018	15.0	11.0	4.5	7.5	0.6	0.39	25.0	15.5	7.0	11.0	0.8
0.022	15.0	10.0	4.0	7.0	0.6	0.47	25.0	16.5	8.0	12.0	0.8
0.027	15.0	10.0	4.0	7.0	0.6	0.56	25.0	17.0	8.5	12.5	0.8
0.033	15.0	10.5	4.5	7.5	0.6	0.68	25.0	18.0	9.5	13.5	0.8
0.039	15.0	11.0	4.5	7.5	0.6	0.82	25.0	19.0	10.5	14.5	0.8
0.047	15.0	11.0	5.0	8.0	0.6	1.0	25.0	20.0	11.5	15.5	0.8
0.056	15.0	11.5	5.0	8.0	0.6	1.2	25.0	21.5	12.5	16.5	0.8
0.068	15.0	12.0	5.5	8.5	0.6	1.5	30.0	21.5	11.0	16.0	0.8
0.082	15.0	14.0	5.5	9.5	0.6	1.8	30.0	23.0	11.5	16.5	0.8
0.1	15.0	14.5	6.0	10.0	0.6	2.2	30.0	24.5	14.0	19.0	0.8
0.12	20.0	13.0	5.0	9.0	0.6	2.7	30.0	26.0	14.5	19.5	0.8
0.15	20.0	13.5	5.5	9.5	0.6	3.3	30.0	28.0	17.0	22.0	0.8
0.18	20.0	14.0	6.0	10.0	0.8	4.7	30.0	31.5	21.0	26.0	0.8



外形图 Outline Drawing

Dimensions: (mm)

μF	630VDC					μF	630VDC				
	L	H	T	D	d		L	H	T	D	d
0.01	15.0	9.0	4.0	7.0	0.6	0.22	25.0	16.5	7.5	11.5	0.8
0.012	15.0	10.0	4.0	7.0	0.6	0.27	25.0	17.5	8.5	12.5	0.8
0.015	15.0	10.5	4.5	7.5	0.6	0.33	25.0	19.5	9.0	14.0	0.8
0.018	15.0	11.0	4.5	7.5	0.6	0.39	30.0	18.5	8.0	13.0	0.8
0.022	15.0	11.5	4.5	7.5	0.6	0.47	30.0	19.5	9.0	14.0	0.8
0.027	15.0	18.0	5.0	8.0	0.8	0.56	30.0	20.5	10.0	15.0	0.8
0.033	15.0	13.5	5.0	9.0	0.8	0.68	30.0	22.0	11.0	16.0	0.8
0.039	15.0	14.0	5.5	9.5	0.8	0.82	30.0	23.0	12.0	16.0	0.8
0.047	15.0	14.5	6.0	10.0	0.8	1.0	30.0	24.5	13.5	18.5	0.8
0.056	20.0	13.5	5.0	9.0	0.8	1.2	30.0	26.0	15.0	20.0	0.8
0.068	20.0	14.0	5.5	9.5	0.8	1.5	30.0	28.0	17.0	22.0	0.8
0.082	20.0	14.5	5.5	9.5	0.8	1.8	30.0	30.0	19.0	24.0	0.8
0.1	20.0	15.0	6.5	10.5	0.8	2.2	30.0	32.0	21.0	26.0	0.8
0.12	20.0	15.5	7.0	11.0	0.8						
0.15	20.0	16.5	7.5	11.5	0.8						
0.18	25.0	16.0	7.0	11.0	0.8						

Note: Capacitors of special specifications are made according to customer's need.