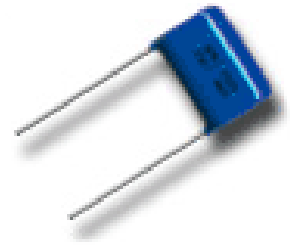


CBB13 Polypropylene Film Metal Foil Capacitor

Structure:

CBB13 are non-inductively wound with polypropylene film as the dielectric and aluminum foil as the electrode with copper-clad steel leads and epoxy resin coated.

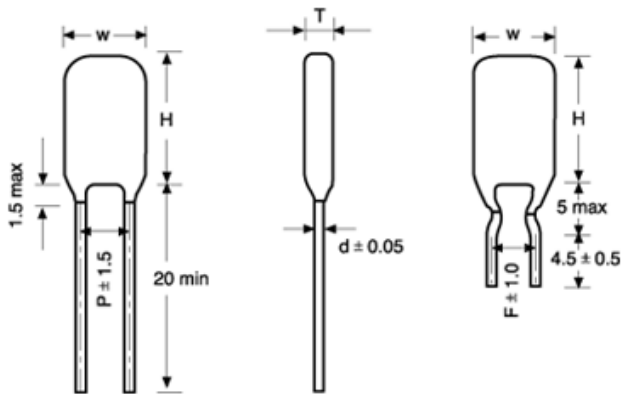


Features:

- ◆ Very Low loss at high frequency
- ◆ Excellent frequency and temperature characteristics
- ◆ Widely used in high frequency, DC and pulse circuits

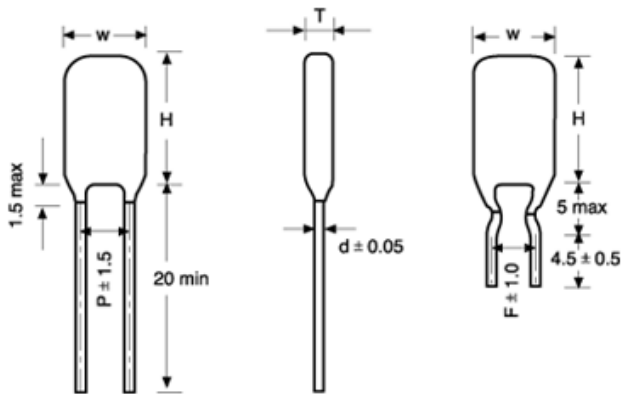
Technical Specifications:

- ◆ Reference Standard: GB10188 (IEC 60384-13)
- ◆ Climatic Category: 40/85/21
- ◆ Rated Voltage: 100V, 250V, 400V, 630V, 1000V
- ◆ Capacitance Range: 0.001 ~ 0.47 μ F
- ◆ Capacitance Tolerance: \pm 5% (J) ; \pm 10% (K)
- ◆ Voltage Proof: 2UR (2S)
- ◆ Dissipation Factor: \leq 0.001 (20 , 1 KHz)
- ◆ Insulation Resistance: \geq 30000M Ω , Cr \leq 0.1 μ F (20 , 1 min)
Insulation Resistance: \geq 3000S , Cr > 0.1 μ F (20 , 1 min)



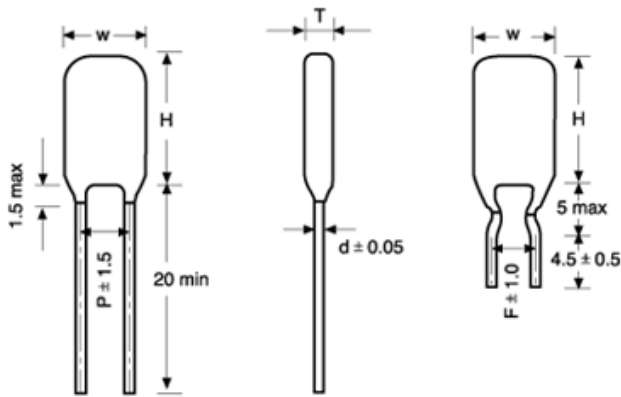
Dimensions: (mm)

μF	100VDC					μF	100VDC				
	W	H	T	P	D		W	H	T	P	D
0.001	11.0	10.5	6.0	7.5	0.6	0.022	14.5	11.5	7.0	11.0	0.6
0.0012	11.0	11.0	6.5	7.5	0.6	0.027	14.5	12.0	7.5	11.0	0.6
0.0015	11.0	11.5	7.0	7.5	0.6	0.033	16.5	12.0	7.0	13.0	0.6
0.0018	11.0	12.0	7.5	7.5	0.6	0.039	16.5	12.5	7.5	13.0	0.6
0.0022	11.0	12.0	8.0	7.5	0.6	0.047	16.5	13.0	8.0	13.0	0.6
0.0027	11.0	12.5	8.5	7.5	0.6	0.056	16.5	13.5	8.5	13.0	0.6
0.0033	11.0	12.5	9.0	7.5	0.6	0.068	16.5	14.0	9.0	13.0	0.6
0.0039	11.0	13.0	9.5	7.5	0.6	0.082	18.5	14.0	8.5	15.0	0.8
0.0047	11.0	13.0	9.5	7.5	0.6	0.1	18.5	14.5	9.5	15.0	0.8
0.0056	11.0	13.5	10.0	7.5	0.6	0.12	19.0	15.5	10.0	15.0	0.8
0.0068	13.0	11.5	7.5	10.0	0.6	0.15	19.0	17.0	10.5	15.0	0.8
0.0082	13.0	12.0	8.0	10.0	0.6	0.18	19.0	18.0	11.0	15.0	0.8
0.01	13.0	12.5	8.5	10.0	0.6	0.22	22.0	17.5	11.0	19.0	0.8
0.012	13.0	12.0	7.5	10.0	0.6	0.27	22.0	18.5	12.0	19.0	0.8
0.015	13.0	12.5	8.0	10.0	0.6	0.33	29.0	17.5	11.0	26.0	0.8
0.018	13.0	13.0	8.5	10.0	0.6	0.47	29.0	19.0	12.5	26.0	0.8



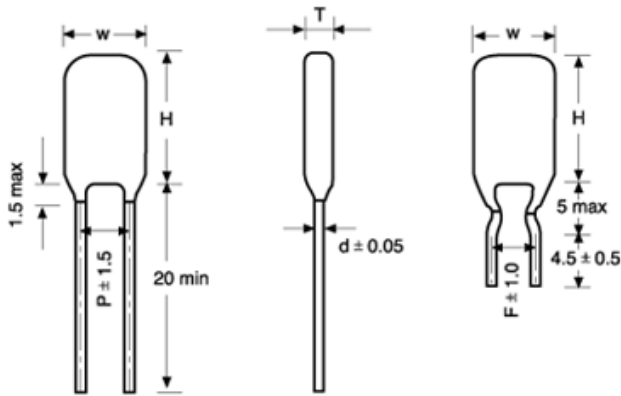
Dimensions: (mm)

μF	250VDC					μF	250VDC				
	W	H	T	P	D		W	H	T	P	D
0.001	11.0	10.5	6.0	7.5	0.6	0.022	17.0	12.0	7.5	14.0	0.6
0.0012	11.0	11.0	6.5	7.5	0.6	0.027	17.5	13.0	7.5	14.0	0.6
0.0015	11.0	11.5	7.0	7.5	0.6	0.033	17.5	13.5	8.0	14.0	0.6
0.0018	11.0	12.0	7.5	7.5	0.6	0.039	17.5	14.0	8.5	14.0	0.6
0.0022	11.0	12.0	8.0	7.5	0.6	0.047	19.5	14.0	8.5	17.0	0.6
0.0027	11.0	12.5	8.5	7.5	0.6	0.056	19.5	14.5	9.0	17.0	0.6
0.0033	11.0	12.5	9.0	7.5	0.6	0.068	19.5	15.0	10.0	17.0	0.8
0.0039	11.0	13.0	9.5	7.5	0.6	0.082	19.5	17.0	10.0	17.0	0.8
0.0047	11.0	13.0	9.5	7.5	0.6	0.1	19.5	17.5	11.0	17.0	0.8
0.0056	11.0	13.5	10.0	7.5	0.6	0.12	28.0	16.5	10.0	25.0	0.8
0.0068	13.0	11.5	7.5	10.0	0.6	0.15	28.0	17.5	11.0	25.0	0.8
0.0082	13.0	12.0	7.5	10.0	0.6	0.18	28.0	18.5	11.5	25.0	0.8
0.01	13.0	12.5	8.5	10.0	0.6	0.22	28.0	19.5	12.5	25.0	0.8
0.012	13.0	12.0	7.5	10.0	0.6	0.27	30.0	22.0	12.0	27.0	0.8
0.015	13.0	12.5	8.0	10.0	0.6	0.33	30.0	23.0	13.0	27.0	0.8
0.018	13.0	13.0	8.5	10.0	0.6	0.47	30.0	25.5	15.5	27.0	0.8



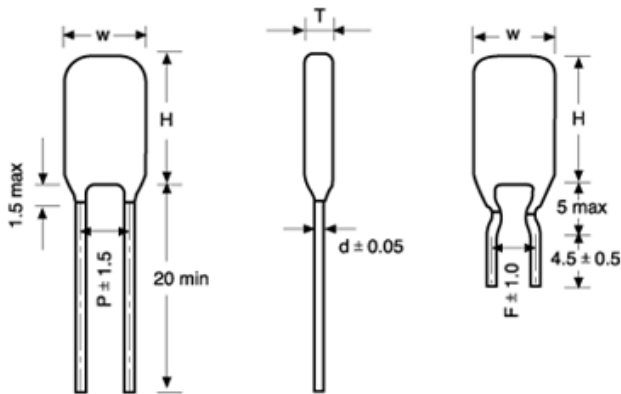
Dimensions: (mm)

μF	400VDC					μF	400VDC				
	W	H	T	P	D		W	H	T	P	D
0.001	11.0	10.5	6.0	7.5	0.6	0.022	18.5	13.5	8.5	15.0	0.6
0.0012	11.0	11.0	6.5	7.5	0.6	0.027	18.5	14.0	9.0	15.0	0.8
0.0015	11.0	11.5	7.0	7.5	0.6	0.033	18.5	15.0	9.5	15.0	0.8
0.0018	11.0	12.0	7.5	7.5	0.6	0.039	19.0	16.5	10.0	15.0	0.8
0.0022	11.0	12.0	8.0	7.5	0.6	0.047	22.0	16.5	9.5	19.0	0.8
0.0027	11.0	12.5	8.5	7.5	0.6	0.056	22.0	17.0	10.0	19.0	0.8
0.0033	11.0	12.5	9.0	7.5	0.6	0.068	22.0	18.0	11.0	19.0	0.8
0.0039	11.0	13.0	9.5	7.5	0.6	0.082	26.0	19.0	10.5	23.0	0.8
0.0047	11.0	13.0	9.5	7.5	0.6	0.1	26.0	20.0	11.5	23.0	0.8
0.0056	11.0	13.5	10.0	7.5	0.6						
0.0068	13.0	12.0	7.5	10.0	0.6						
0.0082	13.0	12.5	8.0	10.0	0.6						
0.01	13.0	13.5	8.0	10.0	0.6						
0.012	18.5	12.0	7.0	15.0	0.6						
0.015	18.5	12.5	7.5	15.0	0.6						
0.018	18.5	13.0	7.0	15.0	0.6						



Dimensions: (mm)

μF	630VDC					μF	630VDC				
	W	H	T	P	D		W	H	T	P	D
0.001	11.0	10.5	6.0	7.5	0.6	0.022	21.5	17.0	10.0	19.0	0.8
0.0012	11.0	11.0	6.5	7.5	0.6	0.027	21.5	17.5	11.0	19.0	0.8
0.0015	11.0	11.5	7.0	7.5	0.6	0.033	21.5	18.5	11.5	19.0	0.8
0.0018	11.0	12.0	7.5	7.5	0.6	0.039	22.0	20.5	12.0	19.0	0.8
0.0022	11.0	12.5	8.0	7.5	0.6	0.047	22.0	21.5	13.0	19.0	0.8
0.0027	11.0	13.0	8.5	7.5	0.6	0.056	22.0	22.5	14.0	19.0	0.8
0.0033	13.0	12.0	7.5	10.0	0.6	0.068	28.0	21.0	12.5	25.0	0.8
0.0039	13.0	12.5	8.0	10.0	0.6	0.082	28.0	22.0	13.5	25.0	0.8
0.0047	13.0	13.5	8.0	10.0	0.6	0.1	28.0	23.0	15.0	25.0	0.8
0.0056	16.0	13.5	8.0	13.0	0.6						
0.0068	16.0	14.0	8.5	13.0	0.6						
0.0082	18.0	13.5	8.5	15.0	0.6						
0.01	18.0	14.0	9.0	15.0	0.6						
0.012	18.5	15.0	9.5	15.0	0.8						
0.015	18.5	15.5	10.5	15.0	0.8						
0.018	18.5	16.5	11.0	15.0	0.8						



Dimensions: (mm)

μF	1000VDC				
	W	H	T	P	D
0.001	11.0	12.0	7.5	7.5	0.8
0.0012	11.0	12.5	8.0	7.5	0.8
0.0015	11.0	13.5	8.5	7.5	0.8
0.0018	11.0	14.0	9.0	7.5	0.8
0.0022	16.0	12.5	7.5	13.0	0.8
0.0027	16.0	14.5	9.5	13.0	0.8
0.0033	16.0	15.0	10.0	13.0	0.8
0.0039	16.0	16.0	10.5	13.0	0.8
0.0047	19.5	15.0	10.0	16.0	0.8
0.0056	19.5	15.5	10.5	16.0	0.8
0.0068	19.5	16.5	11.5	16.0	0.8
0.0082	22.0	17.5	10.5	19.0	0.8
0.01	22.0	18.0	11.5	19.0	0.8
0.012	22.0	19.0	12.5	19.0	0.8
0.015	22.0	20.0	13.5	19.0	0.8

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