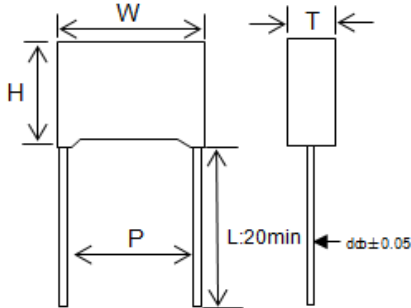


CDCB

compact size interference suppression

Outline Drawing



STRAIGHT LEAD SPACING (P)

* Lead space is straight lead non-formed original lead space.

mm	10	15	22.5
Code	100	150	225

LEAD LENGTH FROM SEATING PLANE

mm	10	10	15
Code	100	100	150

LEAD STYLE

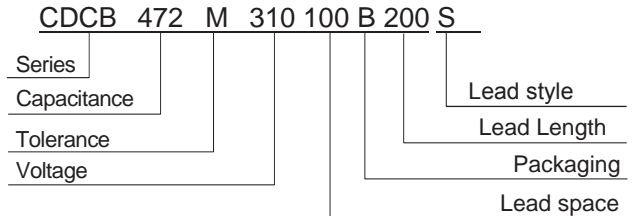
CODE	STYLE
S	Straight
K	Kink-In (Stand off)
F	Form out**
I	Form in**

** For Bulk packaging with formed leads, add an additional 3 digit lead spacing code at end of part number.

Features

- Metallized polypropylene structure
- Compact size
- Withstanding overvoltage stressing
- Excellent active and passive flame resistant abilities
- Widely used in across-the-line, interference suppression circuit, etc.

PART NUMBER EXAMPLE



Specifications

class	X1		
Climatic Category/Passive Flammability Class	40/110/56/B		
Operating temperature	-40°C ~ +110°C		
Rated Voltage	310Vac / 330Vac / 440Vac / 480Vac, 50/60Hz		
Maximum continuous AC voltage	525Vac, 50/60Hz		
Maximum continuous DC voltage	1000Vdc		
Capacitance Range	0.0010μF~10.0μF		
Capacitance Tolerance	±10% (K), ±20% (M)		
Voltage Proof	Between Terminals:	4.3UR (dc), 2s	
	Between Terminals To Case:	2 560Vac (1min)	
Dissipation Factor	0.0010μF < C _N ≤ 0.47μF	≤ 25 × 10 ⁻⁴ (1kHz, 20°C)	≤ 25 × 10 ⁻⁴ (10kHz, 20°C)
	0.47μF < C _N ≤ 1.0μF	≤ 20 × 10 ⁻⁴ (1kHz, 20°C)	≤ 40 × 10 ⁻⁴ (10kHz, 20°C)
	1.0μF < C _N	≤ 30 × 10 ⁻⁴ (1kHz, 20°C)	-----
Insulation Resistance	R ≥ 15 000MΩ , RC _N ≥ 5 000s,	C _N ≤ 0.33μF C _N > 0.33μF	(20°C, 100V ,1min)



CDCB

X2

■ Dimensions (mm)

310Vac / 330Vac / 440Vac / 480Vac						
Cn (μF)	W max	H max	T max	P	d	Part number
0.0010	10.5	9.0	4.0	7.5	0.6	CDCB102****075***
0.0012	10.5	9.0	4.0	7.5	0.6	CDCB122****075***
0.0015	10.5	9.0	4.0	7.5	0.6	CDCB152****075***
0.0018	10.5	9.0	4.0	7.5	0.6	CDCB182****075***
0.0022	10.5	9.0	4.0	7.5	0.6	CDCB222****075***
0.0027	10.5	9.0	4.0	7.5	0.6	CDCB272****075***
0.0033	10.5	9.0	4.0	7.5	0.6	CDCB332****075***
0.0039	10.5	9.0	4.0	7.5	0.6	CDCB392****075***
0.0047	10.5	9.0	4.0	7.5	0.6	CDCB472****075***
0.0056	10.5	9.0	4.0	7.5	0.6	CDCB562****075***
0.0068	10.5	11.0	5.0	7.5	0.6	CDCB682****075***
0.0082	10.5	11.0	5.0	7.5	0.6	CDCB822****075***
0.010	10.5	11.0	5.0	7.5	0.6	CDCB103****075***
0.012	10.5	12.0	6.0	7.5	0.6	CDCB123****075***
0.015M	10.5	12.0	6.0	7.5	0.6	CDCB153M***075***
0.0047	13.0	9.0	4.0	10.0	0.6	CDCB472****100***
0.0056	13.0	9.0	4.0	10.0	0.6	CDCB562****100***
0.0068	13.0	9.0	4.0	10.0	0.6	CDCB682****100***
0.0082	13.0	9.0	4.0	10.0	0.6	CDCB822****100***
0.010	13.0	12.0	6.0	10.0	0.6	CDCB103****100***
0.012	13.0	11.0	5.0	10.0	0.6	CDCB123****100***
0.015	13.0	11.0	5.0	10.0	0.6	CDCB153****100***
0.018	13.0	12.0	6.0	10.0	0.6	CDCB183****100***
0.022	13.0	12.0	6.0	10.0	0.6	CDCB223****100***
0.027	13.0	13.0	7.0	10.0	0.6	CDCB273****100***
0.033	13.0	13.0	7.0	10.0	0.6	CDCB333****100***
0.039	13.0	14.0	8.0	10.0	0.6	CDCB393****100***
0.047M	13.0	14.0	8.0	10.0	0.6	CDCB473M***100***
0.047K	13.0	14.0	8.0	10.0	0.6	CDCB473K***100***
0.056	13.0	16.5	9.0	10.0	0.6	CDCB563****100***
0.010	18.0	11.0	5.0	15.0	0.6	CDCB103****150***
0.012	18.0	11.0	5.0	15.0	0.6	CDCB123****150***
0.015	18.0	11.0	5.0	15.0	0.6	CDCB153****150***
0.018	18.0	11.0	5.0	15.0	0.6	CDCB183****150***
0.022	18.0	11.0	5.0	15.0	0.6	CDCB223****150***
0.027	18.0	11.0	5.0	15.0	0.6	CDCB273****150***
0.033	18.0	11.0	5.0	15.0	0.6	CDCB333****150***
0.039	18.0	12.0	6.0	15.0	0.6	CDCB393****150***
0.047	18.0	12.0	6.0	15.0	0.6	CDCB473****150***
0.056M	18.0	12.0	6.0	15.0	0.6	CDCB563M***150***
0.056K	18.0	13.0	7.0	15.0	0.6	CDCB563K***150***
0.068	18.0	13.5	7.5	15.0	0.8	CDCB683****150***
0.082	18.0	14.0	8.0	15.0	0.6	CDCB823****150***
0.10M	18.0	14.0	8.0	15.0	0.6	CDCB104M***150***
0.10	18.0	14.5	8.4	15.0	0.6	CDCB104****150***
0.12	18.0	16.0	10.3	15.0	0.8	CDCB124****150***
0.15M	18.0	16.0	10.3	15.0	0.8	CDCB154M***150***
0.15K	18.0	19.0	10.8	15.0	0.8	CDCB154K***150***

310Vac / 330Vac / 440Vac / 480Vac						
Cn (μF)	W max	H max	T max	P	d	Part number
0.18	18.0	19.0	10.8	15.0	0.8	CDCB184****150****
0.068	26.5	15.0	6.0	22.0	0.8	CDCB683****220****
0.082	26.5	15.0	6.0	22.0	0.8	CDCB823****220****
0.10	26.5	15.0	6.0	22.0	0.8	CDCB104****220****
0.12	26.5	15.0	6.0	22.0	0.8	CDCB124****220****
0.15	26.5	16.0	7.0	22.0	0.8	CDCB154****220****
0.18	26.5	17.0	8.5	22.0	0.8	CDCB184****220****
0.22	26.5	17.0	8.5	22.0	0.8	CDCB224****220****
0.27	26.5	19.0	10.0	22.0	0.8	CDCB274****220****
0.33	26.0	20.0	11.0	22.0	0.8	CDCB334****220****
0.39	26.5	20.0	11.0	22.0	0.8	CDCB394****220****
0.47M	26.0	22.0	12.0	22.0	0.8	CDCB474M***220****
0.47K	26.5	23.0	13.5	22.0	0.8	CDCB474K***220****
0.56M	26.5	23.0	13.5	22.0	0.8	CDCB564M***220****
0.56K	26.5	24.5	15.5	22.0	0.8	CDCB564K***220****
0.68M	26.5	24.5	15.5	22.0	0.8	CDCB684M***220****
0.68M	32.0	23.0	13.0	27.0	0.8	CDCB684M***270****
0.68K	32.0	24.5	15.0	27.0	0.8	CDCB684K***270****
0.82M	32.0	25.0	13.0	27.0	0.8	CDCB824M***270****
0.82K	32.0	28.0	14.0	27.0	0.8	CDCB824K***270****
1.0	32.0	28.0	17.0	27.0	0.8	CDCB105****270****
1.2M	32.0	28.0	17.0	27.0	0.8	CDCB125M***270****
1.2K	32.0	33.0	18.0	27.0	0.8	CDCB125K***270****
1.5	32.0	33.0	18.0	27.0	0.8	CDCB155****270****
1.8	32.0	37.0	22.0	27.0	0.8	CDCB185****270****
2.2M	32.0	37.0	22.0	27.0	0.8	CDCB225M***270****
0.33	41.0	22.0	11.0	37.0	1.0	CDCB334****370****
0.39	41.0	22.0	11.0	37.0	1.0	CDCB394****370****
0.47	41.0	22.0	11.0	37.0	1.0	CDCB474****370****
0.56	41.0	22.0	11.0	37.0	1.0	CDCB564****370****
0.68	41.0	22.0	11.0	37.0	1.0	CDCB684****370****
0.82M	41.0	22.0	11.0	37.0	1.0	CDCB824M***370****
0.82K	41.0	24.0	13.0	37.0	1.0	CDCB824K***370****
1.0	41.0	24.0	13.0	37.0	1.0	CDCB105****370****
1.2	41.0	26.0	15.0	37.0	1.0	CDCB125****370****
1.2	42.0	28.0	14.0	37.0	1.0	CDCB125****370****
1.5M	41.0	26.0	15.0	37.0	1.0	CDCB155M***370****
1.5M	42.0	28.0	14.0	37.0	1.0	CDCB155M***370****
1.5K	41.0	30.0	16.0	37.0	1.0	CDCB155K***370****
1.8M	41.0	30.0	16.0	37.0	1.0	CDCB185M***370****
1.8K	41.0	32.0	17.0	37.0	1.0	CDCB185K***370****
2.2M	41.0	32.0	17.0	37.0	1.0	CDCB225M***370****
2.2	41.0	33.5	18.5	37.0	1.0	CDCB225****370****
2.7	41.0	37.0	22.0	37.0	1.0	CDCB275****370****
3.3M	41.0	37.0	22.0	37.0	1.0	CDCB335M***370****
3.3K	41.5	37.5	27.5	37.0	1.0	CDCB335K***370****
3.9	41.0	41.0	26.0	37.0	1.0	CDCB395****370****
3.9	41.5	37.5	27.5	37.0	1.0	CDCB395****370****
4.7M	41.0	43.0	28.0	37.0	1.0	CDCB475M***370****
4.7K	42.0	45.0	30.0	37.0	1.0	CDCB475K***370****
4.7	57.0	38.0	24.0	52.5	1.2	CDCB125****525****
5.6	57.0	45.0	30.0	52.5	1.2	CDCB565****525****
6.8	57.0	45.0	30.0	52.5	1.2	CDCB685****525****
8.2	57.0	50.0	35.0	52.5	1.2	CDCB825****525****
10.0	57.0	50.0	35.0	52.5	1.2	CDCB106****525****