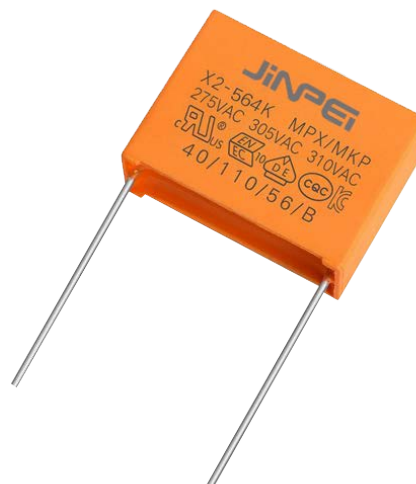
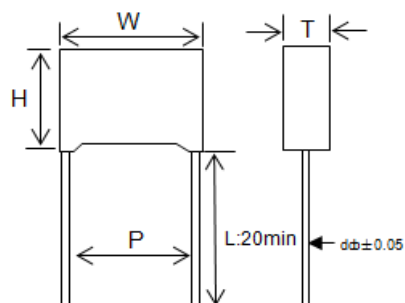


X2 Metallized Polypropylene Film Capacitor

CDCA film interference suppression

■ Outline Drawing



■ Features

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

● Specifications

class	X2		
Climatic Category/Passive Flammability Category	40/110/56/B		
Operating temperature	-40°C~110°C		
Rated Voltage	310VAC,50/60Hz Mains voltage can't be higher than 250Vac,50/60Hz		
Maximum continuous DC voltage	630Vdc		
Capacitance Range	0.0010 ~ 10.0μF		
Capacitance Tolerance	±10% (K), ±20% (M)		
Voltage Proof	Between Terminals:	4.3U _R (DC) (5S)	
	Between Terminals To Case:	2 120Vac (1min)	
Dissipation Factor	0.0010μF ≤ C _R ≤ 0.47μF	0.47μF < C _R ≤ 1.0μF	1.0μF < C _R ≤ 10μF
	≤15×10 ⁻⁴ (1kHz,20°C)	≤20×10 ⁻⁴ (1kHz,20°C)	≤30×10 ⁻⁴ (1kHz,20°C)
	≤20×10 ⁻⁴ (10kHz,20°C)	≤40×10 ⁻⁴ (10kHz,20°C)	-----
Insulation Resistance	≥15 000MΩ, C _R ≤0.33μF ≥5 000s, C _R >0.33μF (20°C,100V,1min)		

CDCA

STRAIGHT LEAD SPACING (P)

* Leads pace is straight lead non-formed original leads pace.

mm	10	15	22.5
Code	100	150	225

LEAD LENGTH FROM SEATING PLANE

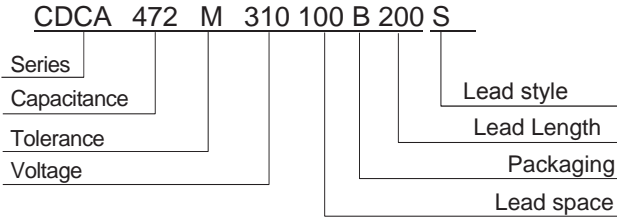
mm	10	10	15
Code	100	100	150

LEAD STYLE

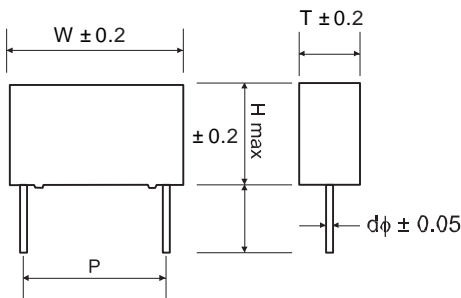
CODE	STYLE
S	Straight
K	Kink-In (Stand off)
F	Form out**
I	Form in**

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

PART NUMBER EXAMPLE



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



■ Dimensions (mm)

310Vac						
Cn (μF)	W max	H max	T max	P	d	Part number
0.0010	10.5	9.0	4.0	7.5	0.6	CDCA102*310075***
0.0012	10.5	9.0	4.0	7.5	0.6	CDCA122*310075***
0.0015	10.5	9.0	4.0	7.5	0.6	CDCA152*310075***
0.0018	10.5	9.0	4.0	7.5	0.6	CDCA182*310075***
0.0022	10.5	9.0	4.0	7.5	0.6	CDCA222*310075***
0.0027	10.5	9.0	4.0	7.5	0.6	CDCA272*310075***
0.0033	10.5	9.0	4.0	7.5	0.6	CDCA332*310075***
0.0039	10.5	9.0	4.0	7.5	0.6	CDCA392*310075***
0.0047	10.5	9.0	4.0	7.5	0.6	CDCA472*310075***
0.0056	10.5	9.0	4.0	7.5	0.6	CDCA562*310075***
0.0068	10.5	9.0	4.0	7.5	0.6	CDCA682*310075***
0.0082	10.5	9.0	4.0	7.5	0.6	CDCA822*310075***
0.01	10.5	9.0	4.0	7.5	0.6	CDCA103*310075***
0.012	10.5	9.0	4.0	7.5	0.6	CDCA123*310075***
0.015	10.5	9.0	4.0	7.5	0.6	CDCA153*310075***
0.018	10.5	9.0	4.0	7.5	0.6	CDCA183*310075***
0.022	10.5	9.0	4.0	7.5	0.6	CDCA223*310075***
0.027	10.5	11.0	5.0	7.5	0.6	CDCA273*310075***
0.033	10.5	11.0	5.0	7.5	0.6	CDCA333*310075***
0.039	10.5	12.0	6.0	7.5	0.6	CDCA393*310075***
0.047	10.5	12.0	6.0	7.5	0.6	CDCA473*310075***
0.068	10.5	13.0	7.0	7.5	0.6	CDCA683*310075***
0.1	10.5	14.0	8.0	7.5	0.6	CDCA104*310075***
0.0047	13.0	9.0	4.0	10.0	0.6	CDCA472*310100***
0.0056	13.0	9.0	4.0	10.0	0.6	CDCA562*310100***
0.0068	13.0	9.0	4.0	10.0	0.6	CDCA682*310100***
0.0082	13.0	9.0	4.0	10.0	0.6	CDCA822*310100***
0.01	13.0	9.0	4.0	10.0	0.6	CDCA103*310100***
0.01	13.0	11.0	5.0	10.0	0.6	CDCA103*310100***
0.012	13.0	11.0	5.0	10.0	0.6	CDCA123*310100***
0.015	13.0	9.0	4.0	10.0	0.6	CDCA153*310100***
0.018	13.0	11.0	5.0	10.0	0.6	CDCA183*310100***
0.022	13.0	9.0	4.0	10.0	0.6	CDCA103*310100***
0.022	13.0	11.0	5.0	10.0	0.6	CDCA103*310100***
0.027	13.0	11.0	5.0	10.0	0.6	CDCA273*310100***
0.033	13.0	9.0	4.0	10.0	0.6	CDCA333*310100***
0.033	13.0	11.0	5.0	10.0	0.6	CDCA333*310100***
0.039	13.0	11.0	5.0	10.0	0.6	CDCA393*310100***
0.047	13.0	11.0	5.0	10.0	0.6	CDCA473*310100***
0.056	13.0	11.0	5.0	10.0	0.6	CDCA563*310100***
0.068	13.0	12.0	6.0	10.0	0.6	CDCA683*310100***
0.082	13.0	12.0	6.0	10.0	0.6	CDCA823*310100***
0.1	13.0	12.0	6.0	10.0	0.6	CDCA104*310100***
0.12	13.0	13.0	7.0	10.0	0.6	CDCA124*310100***
0.15	13.0	14.0	8.0	10.0	0.6	CDCA154*310100***
0.18	13.0	16.0	9.0	10.0	0.6	CDCA184*310100***
0.22	13.0	16.0	9.0	10.0	0.6	CDCA224*310100***
0.33	13.0	20.0	10.0	10.0	0.6	CDCA334*310100***
0.47	13.0	22.0	12.0	10.0	0.6	CDCA474*310100***

CDCA

■ Dimensions (mm)

310Vac						
Cn (μF)	W max	H max	T max	P	d	Part number
0.01	18.0	11.0	5.0	15.0	0.6	CDCA103*310150***
0.012	18.0	11.0	5.0	15.0	0.6	CDCA123*310150***
0.015	18.0	11.0	5.0	15.0	0.6	CDCA153*310150***
0.018	18.0	11.0	5.0	15.0	0.6	CDCA183*310150***
0.022	18.0	11.0	5.0	15.0	0.6	CDCA223*310150***
0.027	18.0	11.0	5.0	15.0	0.6	CDCA273*310150***
0.033	18.0	11.0	5.0	15.0	0.6	CDCA333*310150***
0.039	18.0	11.0	5.0	15.0	0.6	CDCA393*310150***
0.047	18.0	11.0	5.0	15.0	0.6	CDCA473*310150***
0.056	18.0	11.0	5.0	15.0	0.6	CDCA563*310150***
0.068	18.0	11.0	5.0	15.0	0.6	CDCA683*310150***
0.082	18.0	11.0	5.0	15.0	0.6	CDCA823*310150***
0.1	18.0	11.0	5.0	15.0	0.6	CDCA104*310150***
0.1	18.0	12.0	6.0	15.0	0.6	CDCA104*310150***
0.12	18.0	12.0	6.0	15.0	0.6	CDCA124*310150***
0.15	18.0	12.0	6.0	15.0	0.6	CDCA154*310150***
0.15	18.0	14.5	8.5	15.0	0.8	CDCA154*310150***
0.18	18.0	12.0	6.0	15.0	0.6	CDCA184*310150***
0.18	18.0	14.5	8.5	15.0	0.8	CDCA184*310150***
0.22	18.0	13.0	7.0	15.0	0.8	CDCA224*310150***
0.22	18.0	14.5	8.5	15.0	0.8	CDCA224*310150***
0.27	18.0	13.5	7.5	15.0	0.8	CDCA274*310150***
0.33	18.0	14.5	8.5	15.0	0.8	CDCA334*310150***
0.33	18.0	15.5	9.5	15.0	0.8	CDCA334*310150***
0.39	18.0	17.0	8.0	15.0	0.8	CDCA394*310150***
0.47	18.0	16.0	10.0	15.0	0.8	CDCA474*310150***
0.47	18.0	17.5	9.0	15.0	0.8	CDCA474*310150***
0.47	18.0	18.5	11.0	15.0	0.8	CDCA474*310150***
0.56	18.0	19.0	10.0	15.0	0.8	CDCA564*310150***
0.56	18.0	19.0	11.0	15.0	0.8	CDCA564*310150***
0.68	18.0	19.0	11.0	15.0	0.8	CDCA684*310150***
0.82	18.0	26.0	16.0	15.0	0.8	CDCA824*310150***
0.1	26.5	15.0	6.0	22.0	0.8	CDCA104*310220***
0.15	26.5	15.0	6.0	22.0	0.8	CDCA154*310220***
0.18	26.5	15.0	6.0	22.0	0.8	CDCA184*310220***
0.22	26.5	15.0	6.0	22.0	0.8	CDCA224*310220***
0.22	26.5	16.5	7.0	22.0	0.8	CDCA224*310220***
0.27	26.5	15.0	6.0	22.0	0.8	CDCA274*310220***
0.33	26.5	15.0	6.0	22.0	0.8	CDCA334*310220***
0.33	26.5	16.0	7.0	22.0	0.8	CDCA334*310220***
0.33	26.5	17.0	8.5	22.0	0.8	CDCA334*310220***
0.39	26.5	15.0	6.0	22.0	0.8	CDCA394*310220***
0.47	26.5	16.0	7.0	22.0	0.8	CDCA474*310220***
0.47	26.5	19.0	10.0	22.0	0.8	CDCA474*310220***
0.56	26.5	16.0	7.0	22.0	0.8	CDCA564*310220***
0.56	26.5	19.0	10.0	22.0	0.8	CDCA564*310220***
0.68	26.5	17.0	8.5	22.0	0.8	CDCA684*310220***
0.68	26.5	17.0	10.0	22.0	0.8	CDCA684*310220***
0.68	26.5	19.0	10.0	22.0	0.8	CDCA684*310220***
0.82	26.5	19.0	10.0	22.0	0.8	CDCA824*310220***
1.0	26.5	19.0	10.0	22.0	0.8	CDCA105*310220***
1.0	26.5	20.0	11.0	22.0	0.8	CDCA105*310220***
1.0	26.0	21.5	12.0	22.0	0.8	CDCA105*310220***
1.2	26.5	20.0	11.0	22.0	0.8	CDCA125*310220***
1.5	26.5	22.0	12.0	22.0	0.8	CDCA155*310220***
1.8	26.5	24.5	15.5	22.0	0.8	CDCA185*310220***
2.2	26.5	24.5	15.5	22.0	0.8	CDCA225*310220***
2.2	26.5	25.0	16.5	22.0	0.8	CDCA225*310220***
2.2	26.5	29.5	14.5	22.0	0.8	CDCA225*310220***

310Vac						
Cn (μF)	W max	H max	T max	P	d	Part number
0.47	32.0	18.0	9.0	27.0	0.8	CDCA474*310270***
0.47	31.5	19.5	9.0	27.0	0.8	CDCA474*310270***
0.56	32.0	18.0	9.0	27.0	0.8	CDCA564*310270***
0.68	32.0	18.0	9.0	27.0	0.8	CDCA684*310270***
0.68	31.5	19.5	11.0	27.0	0.8	CDCA684*310270***
0.82	32.0	18.0	9.0	27.0	0.8	CDCA824*310270***
0.82	31.5	19.5	9.0	27.0	0.8	CDCA824*310270***
1.0	32.0	18.0	9.0	27.0	0.8	CDCA105*310270***
1.0	31.5	19.5	11.0	27.0	0.8	CDCA105*310270***
1.2	32.0	20.0	11.0	27.0	0.8	CDCA125*310270***
1.5	32.0	20.0	11.0	27.0	0.8	CDCA155*310270***
1.8	32.0	22.0	13.0	27.0	0.8	CDCA185*310270***
2.2	32.0	25.0	13.0	27.0	0.8	CDCA225*310270***
2.2	32.0	25.0	15.0	27.0	0.8	CDCA225*310270***
2.7	32.0	28.0	14.0	27.0	0.8	CDCA275*310270***
3.3	32.0	28.0	17.0	27.0	0.8	CDCA335*310270***
3.3	31.5	32.0	16.0	27.0	0.8	CDCA335*310270***
3.3	32.0	33.0	18.0	27.0	0.8	CDCA335*310270***
3.9	32.0	33.0	18.0	27.0	0.8	CDCA395*310270***
4.7	32.0	33.0	18.0	27.0	0.8	CDCA475*310270***
4.7	31.5	31.0	21.0	27.0	0.8	CDCA475*310270***
5.6	32.0	37.0	22.0	27.0	0.8	CDCA565*310270***
1.5	41.0	22.0	11.0	37.0	1.0	CDCA155*310270***
1.8	41.0	22.0	11.0	37.0	1.0	CDCA185*310370***
2.2	41.0	24.0	13.0	37.0	1.0	CDCA225*310370***
2.2	41.0	25.0	14.0	37.0	1.0	CDCA225*310370***
2.7	41.0	24.0	13.0	37.0	1.0	CDCA275*310370***
3.3	41.0	26.0	15.0	37.0	1.0	CDCA335*310370***
3.3	41.5	28.5	16.0	37.0	1.0	CDCA335*310370***
3.3	41.0	30.0	15.0	37.0	1.0	CDCA335*310370***
3.9	41.0	30.0	16.0	37.0	1.0	CDCA395*310370***
4.7	41.0	30.0	16.0	37.0	1.0	CDCA475*310370***
4.7	41.0	32.0	19.0	37.0	1.0	CDCA475*310370***
4.7	41.5	32.5	18.0	37.0	1.0	CDCA475*310370***
5.6	41.0	33.5	18.5	37.0	1.0	CDCA565*310370***
6.8	41.0	33.5	19.5	37.0	1.0	CDCA685*310370***
6.8	41.5	39.5	20.0	37.0	1.0	CDCA685*310370***
8.2	41.0	37.0	22.0	37.0	1.0	CDCA825*310370***
10.0	41.0	41.0	26.0	37.0	1.0	CDCA106*310370***
10.0	41.5	42.5	28.0	37.0	1.0	CDCA106*310370***
10.0	41.0	45.0	30.0	37.0	1.0	CDCA106*310370***