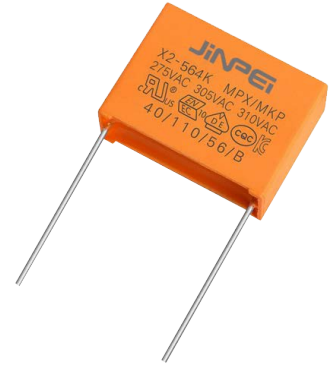


### CD CD

interference suppression



#### Features

- Metallized polypropylene structure
- Withstanding overvoltage stressing
- Excellent active and passive flame resistant abilities
- Widely used in line to ground, line-by-pass, antenna coupling interference suppression circuit, etc.

#### Specifications

class	Y2		
Climatic Category/Passive Flammability Category	40/110/56/B		
Operating temperature	-40°C~+110°C		
Rated Voltage	300VAC, 50/60Hz		
Maximum continuous AC voltage	500VAC, 50/60Hz		
Maximum continuous DC voltage	1000VDC		
Capacitance Range	0.0010 ~ 1.0μF		
Capacitance Tolerance	±10% (K), ±20% (M)		
Voltage Proof	Between Terminals:	2000Vac(2S) or	4000Vdc(2S) C <sub>R</sub> ≤0.33μF 3700Vdc(2S) C <sub>R</sub> >0.33μF
	Between Terminals To Case:	2 500Vac (1min)	
Dissipation Factor	≤ 30 × 10 <sup>-4</sup> (1KHz,20°C)		≤ 40 × 10 <sup>-4</sup> (10KHz,20°C)
Insulation Resistance	≥15 000MΩ, C <sub>R</sub> ≤0.33μF ≥5 000s, C <sub>R</sub> >0.33μF (20°C,100V,1min)		

#### STRAIGHT LEAD SPACING (P)

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

mm	10	15	22.5
Code	100	150	225

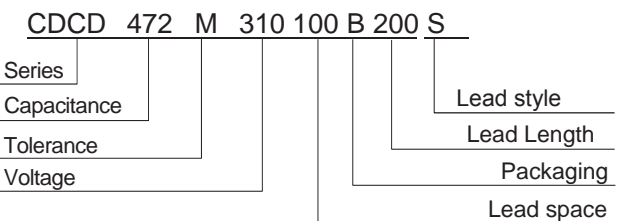
mm	10	10	15
Code	100	100	150

#### LEAD STYLE

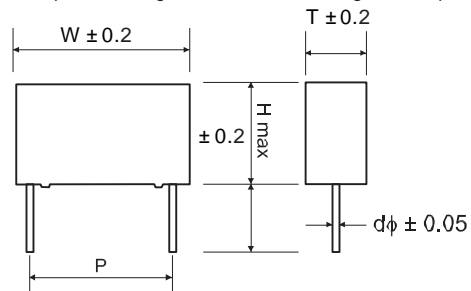
CODE	STYLE
S	Straight
K	Kink-In (Stand off)
F	Form out**
I	Form in**

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

#### LEAD LENGTH FROM SEATING PLANE



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



CDCD

■ Dimensions (mm)

300Vac						
Cn (μF)	W max	H max	T max	P	d	Part number
0.0010	10.5	9.0	4.0	7.5	0.6	CDCD102*300075***
0.0012	10.5	9.0	4.0	7.5	0.6	CDCD122*300075***
0.0015	10.5	9.0	4.0	7.5	0.6	CDCD152*300075***
0.0018	10.5	9.0	4.0	7.5	0.6	CDCD182*300075***
0.0022	10.5	9.0	4.0	7.5	0.6	CDCD222*300075***
0.0027	10.5	9.0	4.0	7.5	0.6	CDCD272*300075***
0.0033	10.5	11.0	5.0	7.5	0.6	CDCD332*300075***
0.0039	10.5	11.0	5.0	7.5	0.6	CDCD392*300075***
0.0047	10.5	12.0	6.0	7.5	0.6	CDCD472*300075***
0.0056	10.5	12.0	6.0	7.5	0.6	CDCD562*300075***
0.0010	13.0	9.0	4.0	10.0	0.6	CDCD102*300100***
0.0012	13.0	9.0	4.0	10.0	0.6	CDCD122*300100***
0.0015	13.0	9.0	4.0	10.0	0.6	CDCD152*300100***
0.0018	13.0	9.0	4.0	10.0	0.6	CDCD182*300100***
0.0022	13.0	9.0	4.0	10.0	0.6	CDCD222*300100***
0.0027	13.0	9.0	4.0	10.0	0.6	CDCD272*300100***
0.0033	13.0	9.0	4.0	10.0	0.6	CDCD332*300100***
0.0039	13.0	9.0	4.0	10.0	0.6	CDCD392*300100***
0.0047	13.0	11.0	5.0	10.0	0.6	CDCD472*300100***
0.0056	13.0	11.0	5.0	10.0	0.6	CDCD562*300100***
0.0068	13.0	11.0	5.0	10.0	0.6	CDCD682*300100***
0.0068	13.0	7.5	9.5	10.0	0.6	CDCD682*300100***
0.0082	13.0	12.0	6.0	10.0	0.6	CDCD822*300100***
0.010	13.0	12.0	6.0	10.0	0.6	CDCD103*300100***
0.0022	18.0	9.5	5.0	15.0	0.6	CDCD222*300150***
0.0027	18.0	9.5	5.0	15.0	0.6	CDCD272*300150***
0.0033	18.0	9.5	5.0	15.0	0.6	CDCD332*300150***
0.0039	18.0	9.5	5.0	15.0	0.6	CDCD392*300150***
0.0047	18.0	9.5	5.0	15.0	0.6	CDCD472*300150***
0.0056	18.0	9.5	5.0	15.0	0.6	CDCD562*300150***
0.0068	18.0	9.5	5.0	15.0	0.6	CDCD682*300150***
0.0082	18.0	9.5	5.0	15.0	0.6	CDCD822*300150***
0.010	18.0	9.5	5.0	15.0	0.6	CDCD103*300150***
0.012	18.0	11.0	5.0	15.0	0.6	CDCD123*300150***
0.015	18.0	11.0	5.0	15.0	0.6	CDCD153*300150***
0.018M	18.0	11.0	5.0	15.0	0.6	CDCD183M300150***
0.018K	18.0	12.0	6.0	15.0	0.6	CDCD183K300150***
0.022	18.0	12.0	6.0	15.0	0.6	CDCD223*300150***
0.027M	18.0	12.0	6.0	15.0	0.6	CDCD273M300150***
0.027K	18.0	12.0	6.0	15.0	0.6	CDCD273K300150***
0.033	18.0	13.5	7.5	15.0	0.6	CDCD333*300150***
0.033	18.0	12.5	9.0	15.0	0.6	CDCD333*300150***
0.039	18.0	13.5	7.5	15.0	0.6	CDCD393*300150***
0.039	18.0	12.5	9.0	15.0	0.6	CDCD393*300150***
0.047	18.0	14.5	8.5	15.0	0.6	CDCD473*300150***
0.047	18.0	12.0	13.0	15.0	0.8	CDCD473*300150***
0.056	18.0	16.0	10.0	15.0	0.8	CDCD563*300150***
0.068	18.0	16.0	10.0	15.0	0.8	CDCD683*300150***
0.082	18.0	19.0	11.0	15.0	0.8	CDCD823*300150***
0.033	26.5	15.0	6.0	22.0	0.8	CDCD333*300220***
0.039	26.5	15.0	6.0	22.0	0.8	CDCD393*300220***
0.047	26.5	15.0	6.0	22.0	0.8	CDCD473*300220***
0.056	26.5	15.0	6.0	22.0	0.8	CDCD563*300220***
0.068M	26.5	15.0	6.0	22.0	0.8	CDCD683M300220***
0.068K	26.5	16.0	7.0	22.0	0.8	CDCD683K300220***
0.082	26.5	16.0	7.0	22.0	0.8	CDCD823*300220***

300Vac						
Cn (μF)	W max	H max	T max	P	d	Part number
0.010	26.5	17.0	8.5	22.0	0.8	CDCD103*300220***
0.012	26.5	17.0	8.5	22.0	0.8	CDCD123*300220***
0.015	26.5	18.5	10.0	22.0	0.8	CDCD153*300220***
0.018	26.5	20.0	11.0	22.0	0.8	CDCD183*300220***
0.022	26.5	22.0	12.0	22.0	0.8	CDCD223*300220***
0.027	26.5	23.0	13.5	22.0	0.8	CDCD273*300220***
0.033	26.5	24.5	15.5	22.0	0.8	CDCD333*300220***
0.033	26.5	29.5	14.5	22.0	0.8	CDCD333*300220***
0.039M	26.5	29.5	14.5	22.0	0.8	CDCD393M300220***
0.10	32.0	18.0	9.0	27.0	0.8	CDCD104*300270***
0.12	32.0	18.0	9.0	27.0	0.8	CDCD124*300270***
0.15	32.0	18.0	9.0	27.0	0.8	CDCD154*300270***
0.15	32.0	12.0	18.0	27.0	0.8	CDCD154*300270***
0.18	32.0	20.0	11.0	27.0	0.8	CDCD184*300270***
0.22	32.0	20.0	11.0	27.0	0.8	CDCD224*300270***
0.22M	32.0	12.0	18.0	27.0	0.8	CDCD224M300270***
0.22K	32.0	12.0	22.0	27.0	0.8	CDCD224K300270***
0.27M	32.0	20.0	11.0	27.0	0.8	CDCD274M300270***
0.27K	32.0	22.0	13.0	27.0	0.8	CDCD274K300270***
0.33M	32.0	22.0	13.0	27.0	0.8	CDCD334M300270***
0.33K	32.0	25.0	13.0	27.0	0.8	CDCD334K300270***
0.33K	32.0	24.5	15.0	27.0	0.8	CDCD334K300270***
0.33M	32.0	12.0	22.0	27.0	0.8	CDCD334M300270***
0.39	32.0	24.5	15.0	27.0	0.8	CDCD394*300270***
0.39	32.0	28.0	14.0	27.0	0.8	CDCD394*300270***
0.47M	32.0	24.5	15.0	27.0	0.8	CDCD474M300270***
0.47M	32.0	28.0	14.0	27.0	0.8	CDCD474M300270***
0.47K	32.0	30.0	16.0	27.0	0.8	CDCD474K300270***
0.47K	32.0	28.0	17.0	27.0	0.8	CDCD474K300270***
0.47	32.0	16.0	27.5	27.0	0.8	CDCD474*300270***
0.56	32.0	30.0	16.0	27.0	0.8	CDCD564*300270***
0.56	32.0	28.0	17.0	27.0	0.8	CDCD564*300270***
0.68M	32.0	29.0	19.0	27.0	0.8	CDCD684M300270***
0.68K	32.0	30.0	21.0	27.0	0.8	CDCD684K300270***
0.68	32.0	33.0	18.0	27.0	0.8	CDCD684*300270***
0.68	32.0	18.5	31.0	27.0	0.8	CDCD684*300270***
0.82M	32.0	18.5	31.0	27.0	0.8	CDCD824M300270***
0.82M	32.0	33.0	18.0	27.0	0.8	CDCD824M300270***
0.82K	32.0	37.0	22.0	27.0	0.8	CDCD824K300270***
1.0	32.0	37.0	22.0	27.0	0.8	CDCD105*300270***
0.33	41.0	22.0	11.0	37.0	1.0	CDCD334*300370***
0.39M	41.0	22.0	11.0	37.0	1.0	CDCD394M300370***
0.39K	41.0	24.0	13.0	37.0	1.0	CDCD394K300370***
0.47	41.0	24.0	13.0	37.0	1.0	CDCD474*300370***
0.47	42.0	15.0	24.0	37.0	1.0	CDCD474*300370***
0.56	41.0	26.0	15.0	37.0	1.0	CDCD564*300370***
0.56	42.0	28.0	14.0	37.0	1.0	CDCD564*300370***
0.68M	41.0	26.0	15.0	37.0	1.0	CDCD684M300370***
0.68M	42.0	28.0	14.0	37.0	1.0	CDCD684M300370***
0.68K	41.0	30.0	16.0	37.0	1.0	CDCD684K300370***
0.68M	42.0	15.0	24.0	37.0	1.0	CDCD684M300370***
0.82	41.0	30.0	16.0	37.0	1.0	CDCD824*300370***
0.82	42.0	19.0	24.0	37.0	1.0	CDCD824*300370***
1.0 M	41.0	32.0	17.0	37.0	1.0	CDCD105M300370***
1.0 K	41.0	33.5	18.5	37.0	1.0	CDCD105K300370***