



Ceramic Disk Capacitors — Safety Standard Approved



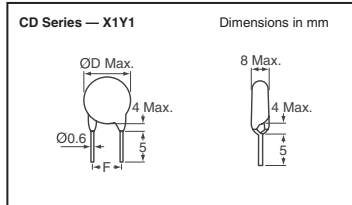
CD Series — X1Y1

Reinforced Insulation
Type Class 2 High Dielectric

Features:

- Smaller than conventional capacitors
- Flame resistant reinforced outer insulation prevents fires, electrical shock and other potential hazards
- Compliant with the safety standards of 11 countries (conforms to European standards in accordance with IEC Publication 384-14 Version 2)
- Meets European Class II (reinforced insulation) Safety Standards VDE, SEV, SEMKO, BS. Since it is rated at a withstand voltage of AC 4000V, it can be used in a single unit configurations with European Class II devices

Temperature Range: -25°C - 105°C



INTERNATIONALLY CERTIFIED STATUS IEC60384-14 2nd. ed. EN132400 Approved

Safety Standard	Symbols	Standard No. of IEC	Standard Number	Temperature Characteristics	Insulation Sub-Class	Rated Voltage Eac (V)	Approval Report Number		
							Japan	Taiwan	Xiamen
BSI	BS415	IEC 60065 IEC 60384-14 2nd. ed.	BS EN 60065: 1998 (BS415: 1998) BS EN132400: 1995 (EN132400:1994)	B, E	X1, Y1	250	226495	226495	226495
VDE		IEC 60384-14 2nd. ed.	EN132400	B, E	X1 Y1	400 250	138526	138550	124321
SEV		IEC 60384-14 2nd. ed.	EN132400	B, E	X1 Y1	400 250	01.1508	01.1508	99.7 70564
SEMKO		IEC 60384-14 2nd. ed.	EN132400	B, E	X1, Y1	250	0139185/01-02	0139185/01-02	9945094
NEMKO		IEC 60384-14 2nd. ed.	EN132400	B, E	X1, Y1	250	P01101987	P01101987	P99102682
DEMKO		IEC 60384-14 2nd. ed.	EN132400	B, E	X1, Y1	250	310959-01	310959-01	99-04087
FIMKO		IEC 60384-14 2nd. ed.	EN132400	B, E	X1, Y1	250	FI 17415	FI 17415	14237
IMQ		IEC 60384-14 2nd. ed.	EN132400	B, E	X1, Y1	250	V3691	V3691	V3691
SAA	—	IEC 60065	AS3250	B, E	—	400	6268	6268	6268
UL		—	UL 1414	B, E	(X, Y)	250	E37861	E37861	E37861
CSA		—	C22.2 No. 0 and No. 1	B, E	(X, Y)	250	LR35801	LR65972	201723

Certificate numbers shall be changed owing to the revisions of the related standards

Voltage	Capacitance Temperature Characteristics	Capacitance (pF)	Capacitance Tolerance	Dimensions – mm		Digi-Key Part No.	5	Pricing 10	100	TDK Part No.
				øD max.	F					
250VAC	B (±10%)	100	K (±10%)	7	10±2, -1	445-2402-ND	.77	1.13	8.09	CD70-B2GA101KYNS
		150	K (±10%)	7	10±2, -1	445-2403-ND	.86	1.27	9.05	CD70-B2GA151KYNS
		220	K (±10%)	8.5	10±2, -1	445-2404-ND	.98	1.44	10.27	CD85-B2GA221KYNS
		330	K (±10%)	9	10±2, -1	445-2405-ND	1.01	1.49	10.66	CD90-B2GA331KYNS
		390	K (±10%)	9	10±2, -1	445-2406-ND	1.05	1.55	11.07	CD90-B2GA391KYNS
		470	K (±10%)	9.5	10±2, -1	445-2407-ND	1.11	1.63	11.64	CD95-B2GA471KYNS
	E (+20, -55%)	680	M (±20%)	7.5	10±2, -1	445-2408-ND	.71	1.05	7.52	CD75-E2GA681MYNS
		1000	M (±20%)	8.5	10±2, -1	445-2409-ND	.80	1.18	8.42	CD85-E2GA102MYNS
		1500	M (±20%)	10	10±2, -1	445-2410-ND	.95	1.40	9.99	CD10-E2GA152MYNS
		2200	M (±20%)	11.5	10±2, -1	445-2411-ND	1.17	1.73	12.36	CD12-E2GA222MYNS
		3300	M (±20%)	13.5	10±2, -1	445-2412-ND	1.59	2.34	16.72	CD14-E2GA332MYNS
		3900	M (±20%)	14.5	10±2, -1	445-2413-ND	1.76	2.60	18.57	CD15-E2GA392MYNS
		4700	M (±20%)	15.5	10±2, -1	445-2414-ND	2.03	2.99	21.37	CD16-E2GA472MYNS

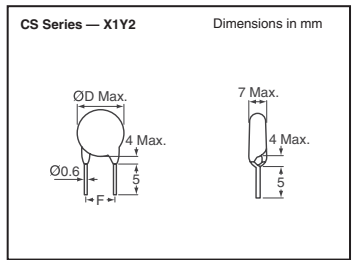
CS Series — X1Y2

Basic Insulation
Type Class 2 High Dielectric

Features:

- Smaller than conventional capacitors
- Flame resistant reinforced outer insulation prevents fires, electrical shock and other potential hazards
- Compliant with the safety standards of 11 countries (conforms to European standards in accordance with IEC Publication 384-14 Version 2)

Temperature Range: -25°C - 125°C



INTERNATIONALLY CERTIFIED STATUS IEC60384-14 2nd. ed. EN132400 Approved

Safety Standard	Symbols	Standard No. of IEC	Standard Number	Temperature Characteristics	Insulation Sub-Class	Rated Voltage Eac (V)	Approval Report Number		
							Japan	Taiwan	Xiamen
BSI	BS415	IEC 60065 IEC 60384-14 2nd. ed.	BS EN 60065: 1998 (BS415: 1998) BS EN132400: 1995 (EN132400:1994)	B, E, F	X1, Y2	250	226494	226494	226494
VDE		IEC 60384-14 2nd. ed.	EN132400	B, E, F	X1, Y2	250	138559	138560	12006
SEV		IEC 60384-14 2nd. ed.	EN132400	B, E, F	X1, Y2	250	01.15.05	01.15.05	99.7 70564
SEMKO		IEC 60384-14 2nd. ed.	EN132400	B, E, F	X1, Y2	250	0139186/01-02	0139186/01-02	9945094
NEMKO		IEC 60384-14 2nd. ed.	EN132400	B, E, F	X1, Y2	250	P01101988	P01101988	P99102682
DEMKO		IEC 60384-14 2nd. ed.	EN132400	B, E, F	X1, Y2	250	310966-01	310966-01	99-04087
FIMKO		IEC 60384-14 2nd. ed.	EN132400	B, E, F	X1, Y2	250	FI 17416	FI 17416	14237
IMQ		IEC 60384-14 2nd. ed.	EN132400	B, E, F	X1, Y2	250	V3692	V3692	V3691
SAA	—	IEC 60065	AS3250	B, E, F	—	400	6268	6268	6268
UL		—	UL 1414	B, E, F	(X, Y)	250	E37861	E37861	E37861
CSA		—	C22.2 No. 0 and No. 1	B, E, F	(X, Y)	250	LR35801	LR65972	201723

Certificate numbers shall be changed owing to the revisions of the related standards

Voltage	Capacitance Temperature Characteristics	Capacitance (pF)	Capacitance Tolerance	Dimensions – mm		Digi-Key Part No.	5	Pricing 10	100	TDK Part No.	
				øD max.	F						
250VAC	B (±10%)	100	K (±10%)	7	7.5 ± 1.5	445-2415-ND	.75	1.11	7.93	CS70-B2GA101KYNS	
		150	K (±10%)	7	7.5 ± 1.5	445-2416-ND	.73	1.07	7.65	CS70-B2GA151KYNS	
		220	K (±10%)	7	7.5 ± 1.5	445-2417-ND	.69	1.02	7.31	CS70-B2GA221KYNS	
		330	K (±10%)	8.5	7.5 ± 1.5	445-2418-ND	.87	1.28	9.16	CS85-B2GA331KYNS	
		470	K (±10%)	8.5	7.5 ± 1.5	445-2419-ND	.79	1.16	8.27	CS85-B2GA471KYNS	
		680	K (±10%)	9.5	7.5 ± 1.5	445-2420-ND	.90	1.32	9.46	CS95-B2GA681KYNS	
	E (+20, -55%)	1000	M (±20%)	10	7.5 ± 1.5	445-2421-ND	1.02	1.50	10.74	CS10-B2GA102KYNS	
		1500	M (±20%)	8	7.5 ± 1.5	445-2422-ND	.67	.99	7.07	CS80-E2GA102MYNS	
		2200	M (±20%)	9	7.5 ± 1.5	445-2423-ND	.83	1.22	8.70	CS90-E2GA152MYNS	
		3300	M (±20%)	10.5	7.5 ± 1.5	445-2424-ND	.78	1.14	8.17	CS11-E2GA222MYNS	
		3900	M (±20%)	12.5	7.5 ± 1.5	445-2425-ND	1.24	1.83	13.06	CS13-E2GA332MYNS	
		4700	M (±20%)	13.5	7.5 ± 1.5	445-2426-ND	1.59	2.34	16.71	CS14-E2GA392MYNS	
		4700	M (±20%)	14.5	7.5 ± 1.5	445-2427-ND	1.59	2.34	16.75	CS15-E2GA472MYNS	
		F (+30, -80%)	4700	M (±20%)	12	7.5 ± 1.5	445-2428-ND	1.21	1.78	12.73	CS12-F2GA472MYNS
			10000	M (±20%)	16.5	10 ± 2	445-2429-ND	2.36	3.47	24.81	CS17-F2GA103MYNS

More Product Available Online: www.digkey.com

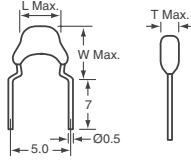


Dipped Radial Ceramic Capacitors

FK Series

Features:

Leads are formed with a "kink" to achieve consistent insertion heights and facilitate the release of gases during soldering for dramatically improved solderability.

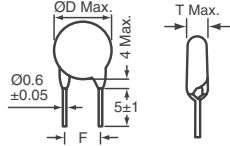


VDC	Cap.	Cap. Tol.	Dimensions (mm)			Digi-Key Part No.	Pricing			TDK Part No.	
			L	W	T		5	10	100		
MID VOLTAGE											
COG (-55°C - 125°C)											
100V	100pF	±5%	4.0	5.5	2.5	445-2943-ND	1.07	1.58	11.25	FK28C0G2A101J	
	220pF	±5%	4.0	5.5	2.5	445-2944-ND	1.09	1.61	11.50	FK28C0G2A221J	
	470pF	±5%	4.0	5.5	2.5	445-2945-ND	1.14	1.68	12.00	FK28C0G2A471J	
	1000pF	±5%	4.0	5.5	2.5	445-2946-ND	1.19	1.75	12.50	FK28C0G2A102J	
	1000pF	±5%	4.5	5.5	2.5	445-2596-ND	1.28	1.89	13.50	FK24C0G2A102J	
	2200pF	±5%	4.5	5.5	2.5	445-2597-ND	1.52	2.24	16.00	FK24C0G2A222J	
	4700pF	±5%	4.5	5.5	2.5	445-2598-ND	1.76	2.59	18.50	FK24C0G2A472J	
	4700pF	±5%	5.5	6.0	3.5	445-2601-ND	2.00	2.94	21.00	FK26C0G2A472J	
	10000pF	±5%	5.5	6.0	3.5	445-2602-ND	2.52	3.71	26.50	FK26C0G2A103J	
	22000pF	±5%	5.5	7.0	4.0	445-2609-ND	5.46	8.05	57.50	FK20C0G2A223J	
250V	4700pF	±5%	7.5	8.0	4.0	445-2612-ND	9.07	13.37	95.50	FK22C0G2A473J	
	.1µF	±5%	7.5	8.0	4.0	445-2613-ND	11.50	16.94	121.00	FK22C0G2A104J	
	100pF	±5%	4.0	5.5	2.5	445-2593-ND	1.14	1.68	12.00	FK28C0G2E101J	
	220pF	±5%	4.0	5.5	2.5	445-2594-ND	1.19	1.75	12.50	FK28C0G2E221J	
	470pF	±5%	4.0	5.5	2.5	445-2595-ND	1.19	1.75	12.50	FK28C0G2E471J	
	1000pF	±5%	4.5	5.5	2.5	445-2599-ND	1.38	2.03	14.50	FK24C0G2E102J	
	2200pF	±5%	4.5	5.5	2.5	445-2600-ND	1.62	2.38	17.00	FK24C0G2E222J	
	10000pF	±5%	5.5	7.0	4.0	445-2610-ND	4.04	5.95	42.50	FK20C0G2E103J	
	22000pF	±5%	7.5	8.0	4.0	445-2614-ND	8.31	12.25	87.50	FK22C0G2E223J	
	47000pF	±5%	7.5	8.0	4.0	445-2615-ND	11.50	16.94	121.00	FK22C0G2E473J	
630V	220pF	±5%	5.5	6.0	3.5	445-2605-ND	1.71	2.52	18.00	FK26C0G2J221J	
	470pF	±5%	5.5	6.0	3.5	445-2606-ND	1.95	2.87	20.50	FK26C0G2J471J	
	1000pF	±5%	5.5	6.0	3.5	445-2607-ND	2.14	3.15	22.50	FK26C0G2J102J	
	2200pF	±5%	5.5	6.0	3.5	445-2608-ND	2.38	3.50	25.00	FK26C0G2J222J	
	4700pF	±5%	5.5	7.0	4.0	445-2611-ND	3.90	5.74	41.00	FK20C0G2J472J	
	10000pF	±5%	7.5	8.0	4.0	445-2616-ND	5.99	8.82	63.00	FK22C0G2J103J	
	22000pF	±5%	7.5	8.0	4.0	445-2617-ND	15.34	22.61	161.50	FK22C0G2J223J	
	X7R (-55°C - 125°C)										
	100V	1000pF	±10%	4.0	5.5	2.5	445-2618-ND	1.09	1.61	11.50	FK28X7R2A102K
		1000pF	±10%	4.5	5.5	2.5	445-2622-ND	1.19	1.75	12.50	FK24X7R2A102K
2200pF		±10%	4.0	5.5	2.5	445-2619-ND	1.09	1.61	11.50	FK28X7R2A222K	
4700pF		±10%	4.0	5.5	2.5	445-2620-ND	1.09	1.61	11.50	FK28X7R2A472K	
4700pF		±10%	4.5	5.5	2.5	445-2624-ND	1.28	1.89	13.50	FK24X7R2A472K	
10000pF		±10%	4.0	5.5	2.5	445-2621-ND	1.14	1.68	12.00	FK28X7R2A103K	
10000pF		±10%	4.5	5.5	2.5	445-2625-ND	1.33	1.96	14.00	FK24X7R2A103K	
22000pF		±10%	4.5	5.5	2.5	445-2626-ND	1.33	1.96	14.00	FK24X7R2A223K	
47000pF		±10%	4.5	5.5	2.5	445-2627-ND	1.38	2.03	14.50	FK24X7R2A473K	
47000pF		±10%	5.5	6.0	3.5	445-2633-ND	1.95	2.87	20.50	FK26X7R2A473K	
250V	.1µF	±10%	5.5	6.0	3.5	445-2634-ND	2.04	3.01	21.50	FK26X7R2A104K	
	.47µF	±10%	5.5	7.0	4.0	445-2643-ND	3.85	5.67	40.50	FK20X7R2A474K	
	1µF	±10%	7.5	8.0	4.0	445-2647-ND	5.89	8.68	62.00	FK22X7R2A105K	
	1000pF	±10%	4.5	5.5	2.5	445-2628-ND	1.28	1.89	13.50	FK24X7R2E102K	
	2200pF	±10%	4.5	5.5	2.5	445-2629-ND	1.33	1.96	14.00	FK24X7R2E222K	
	10000pF	±10%	4.5	5.5	2.5	445-2631-ND	1.38	2.03	14.50	FK24X7R2E103K	
	22000pF	±10%	4.5	5.5	2.5	445-2632-ND	1.43	2.10	15.00	FK24X7R2E223K	
	22000pF	±10%	5.5	6.0	3.5	445-2635-ND	2.19	3.22	23.00	FK26X7R2E223K	
	47000pF	±10%	5.5	6.0	3.5	445-2636-ND	2.33	3.43	24.50	FK26X7R2E473K	
	.1µF	±10%	5.5	6.0	3.5	445-2637-ND	2.52	3.71	26.50	FK26X7R2E104K	
.1µF	±10%	5.5	7.0	4.0	445-2644-ND	4.13	6.09	43.50	FK20X7R2E104K		
.22µF	±10%	5.5	7.0	4.0	445-2645-ND	4.70	6.93	49.50	FK20X7R2E224K		
.22µF	±10%	7.5	8.0	4.0	445-2648-ND	5.37	7.91	56.50	FK22X7R2E224K		
.47µF	±10%	7.5	8.0	4.0	445-2649-ND	6.70	9.87	70.50	FK22X7R2E474K		

VDC	Cap.	Cap. Tol.	Dimensions (mm)			Digi-Key Part No.	Pricing			TDK Part No.	
			L	W	T		5	10	100		
630V	1000pF	±10%	5.5	6.0	3.5	445-2638-ND	2.14	3.15	22.50	FK26X7R2J102K	
	4700pF	±10%	5.5	6.0	3.5	445-2640-ND	2.38	3.50	25.00	FK26X7R2J472K	
	10000pF	±10%	5.5	6.0	3.5	445-2641-ND	2.47	3.64	26.00	FK26X7R2J103K	
	22000pF	±10%	5.5	6.0	3.5	445-2642-ND	2.61	3.85	27.50	FK26X7R2J223K	
	47000pF	±10%	5.5	7.0	4.0	445-2646-ND	3.04	4.48	32.00	FK20X7R2J473K	
	.1µF	±10%	7.5	8.0	4.0	445-2650-ND	5.04	7.42	53.00	FK22X7R2J104K	
GENERAL USE											
X7R (-55°C - 125°C)											
16V	22µF	±10%	4.0	5.5	2.5	445-2849-ND	1.14	1.68	12.00	FK28X7R1C224K	
	1µF	±10%	4.5	5.5	2.5	445-2858-ND	1.57	2.31	16.50	FK24X7R1C105K	
	2.2µF	±10%	4.5	5.5	2.5	445-2859-ND	1.76	2.59	18.50	FK24X7R1C225K	
	4.7µF	±10%	5.5	6.0	3.5	445-2873-ND	2.19	3.22	23.00	FK26X7R1C475K	
	10µF	±10%	5.5	7.0	4.0	445-2887-ND	4.13	6.09	43.50	FK20X7R1C106K	
	10µF	±20%	5.5	7.0	4.0	445-2888-ND	4.13	6.09	43.50	FK20X7R1C106M	
	22µF	±20%	7.5	8.0	4.0	445-2900-ND	8.08	11.90	85.00	FK22X7R1C226M	
	25V	4.7µF	±10%	4.5	5.5	2.5	445-2856-ND	1.43	2.10	15.00	FK24X7R1E474K
		1µF	±10%	4.5	5.5	2.5	445-2857-ND	1.78	2.63	18.75	FK24X7R1E105K
		1µF	±10%	5.5	6.0	3.5	445-2871-ND	2.02	2.98	21.25	FK26X7R1E105K
2.2µF		±10%	5.5	6.0	3.5	445-2872-ND	2.26	3.33	23.75	FK26X7R1E225K	
2.2µF		±10%	5.5	7.0	4.0	445-2885-ND	4.56	6.72	48.00	FK20X7R1E225K	
4.7µF		±10%	5.5	7.0	4.0	445-2886-ND	6.89	10.15	72.50	FK20X7R1E475K	
4.7µF		±10%	7.5	8.0	4.0	445-2897-ND	5.23	7.70	55.00	FK22X7R1E475K	
10µF		±10%	7.5	8.0	4.0	445-2898-ND	7.13	10.50	75.00	FK22X7R1E106K	
10µF		±20%	7.5	8.0	4.0	445-2899-ND	7.13	10.50	75.00	FK22X7R1E106M	
50V		22µF	±10%	4.5	5.5	2.5	445-2855-ND	1.31	1.93	13.75	FK24X7R1H224K
	4.7µF	±10%	5.5	6.0	3.5	445-2870-ND	1.85	2.73	19.50	FK26X7R1H474K	
	1µF	±10%	5.5	7.0	4.0	445-2884-ND	3.68	5.43	38.75	FK20X7R1H105K	
	2.2µF	±10%	7.5	8.0	4.0	445-2896-ND	5.70	8.40	60.00	FK22X7R1H225K	
	X5R (-55°C - 85°C)										
6.3V	4.7µF	±10%	4.5	5.5	2.5	445-2862-ND	1.71	2.52	18.00	FK24X5R0J475K	
	10µF	±10%	4.5	5.5	2.5	445-2863-ND	2.61	3.85	27.50	FK24X5R0J106K	
	10µF	±20%	4.5	5.5	2.5	445-2864-ND	2.38	3.50	25.00	FK24X5R0J106M	
	10µF	±10%	5.5	6.0	3.5	445-2876-ND	3.09	4.55	32.50	FK26X5R0J106K	
	10µF	±10%	5.5	6.0	3.5	445-2877-ND	3.09	4.55	32.50	FK26X5R0J106M	
	22µF	±20%	5.5	6.0	3.5	445-2878-ND	4.16	6.13	43.75	FK26X5R0J226M	
	22µF	±20%	5.5	7.0	4.0	445-2890-ND	5.11	7.53	53.75	FK20X5R0J226M	
	100µF	±20%	7.5	8.0	4.0	445-2902-ND	17.81	26.25	187.50	FK22X5R0J107M	
	10V	4.7µF	±10%	4.0	5.5	2.5	445-2850-ND	1.14	1.68	12.00	FK28X5R1A474K
		1µF	±10%	4.0	5.5	2.5	445-2851-ND	1.43	2.10	15.00	FK28X5R1A105K
2.2µF		±10%	4.5	5.5	2.5	445-2860-ND	1.52	2.24	16.00	FK24X5R1A225K	
4.7µF		±10%	4.5	5.5	2.5	445-2861-ND	2.14	3.15	22.50	FK24X5R1A475K	
10µF		±10%	5.5	6.0	3.5	445-2874-ND	3.09	4.55	32.50	FK26X5R1A106K	
10µF		±20%	5.5	6.0	3.5	445-2875-ND	3.09	4.55	32.50	FK26X5R1A106M	
47µF		±20%	7.5	8.0	4.0	445-2901-ND	10.93	16.10	115.00	FK22X5R1A476M	
50V		2.2µF	±10%	5.5	7.0	4.0	445-2889-ND	4.28	6.30	45.00	FK20X5R1H225K
		Y5V (-30°C - 85°C)									
6.3V		4.7µF	+80, -20%	4.0	5.5	2.5	445-2854-ND	1.31	1.93	13.75	FK28Y5V0J475Z
	22µF	+80, -20%	4.0	5.5							



Ceramic Capacitors
Low Dissipation at High Frequency



VDC	Cap.	Cap. Tol.	Dimensions (mm)			Digi-Key Part No.	Pricing			TDK Part No.	
			D	T	F		5	10	100		
CK45-RR Series (-25°C ~ 125°C)											
1kV	100pF	±10%	6	5	5	445-2713-ND	.71	1.05	7.50	CK45-R3AD101K-NR	
	120pF	±10%	6	5	5	445-2714-ND	.71	1.05	7.50	CK45-R3AD121K-NR	
	150pF	±10%	6	5	5	445-2715-ND	.71	1.05	7.50	CK45-R3AD151K-NR	
	180pF	±10%	6	5	5	445-2716-ND	.71	1.05	7.50	CK45-R3AD181K-NR	
	220pF	±10%	6	5	5	445-2717-ND	.71	1.05	7.50	CK45-R3AD221K-NR	
	270pF	±10%	6	5	5	445-2718-ND	.71	1.05	7.50	CK45-R3AD271K-NR	
	330pF	±10%	6.5	5	5	445-2719-ND	.71	1.05	7.50	CK45-R3AD331K-NR	
	390pF	±10%	6.5	5	5	445-2720-ND	.71	1.05	7.50	CK45-R3AD391K-NR	
	470pF	±10%	7	5	5	445-2721-ND	.71	1.05	7.50	CK45-R3AD471K-NR	
	560pF	±10%	7.5	5	5	445-2722-ND	.71	1.05	7.50	CK45-R3AD561K-NR	
	680pF	±10%	8	5	5	445-2723-ND	.71	1.05	7.50	CK45-R3AD681K-NR	
	820pF	±10%	8.5	5	5	445-2724-ND	.83	1.23	8.75	CK45-R3AD821K-NR	
	1000pF	±10%	9	5	5	445-2725-ND	.83	1.23	8.75	CK45-R3AD102K-NR	
	1200pF	±10%	9.5	5	5	445-2726-ND	.95	1.40	10.00	CK45-R3AD122K-NR	
	1500pF	±10%	10	5	5	445-2727-ND	.95	1.40	10.00	CK45-R3AD152K-NR	
2kV	1800pF	±10%	10.5	5	5	445-2728-ND	.95	1.40	10.00	CK45-R3AD182K-NR	
	2200pF	±10%	11.5	5	7.5	445-2729-ND	1.19	1.75	12.50	CK45-R3AD222K-NR	
	2700pF	±10%	12.5	5	7.5	445-2730-ND	1.19	1.75	12.50	CK45-R3AD272K-NR	
	3300pF	±10%	13.5	5	7.5	445-2731-ND	1.43	2.10	15.00	CK45-R3AD332K-NR	
	3900pF	±10%	14.5	5	7.5	445-2732-ND	1.43	2.10	15.00	CK45-R3AD392K-NR	
	4700pF	±10%	15.5	5	10	445-2733-ND	1.78	2.63	18.75	CK45-R3AD472K-NR	
	150pF	±10%	6	5	5	445-2736-ND	.71	1.05	7.50	CK45-R3DD151K-NR	
	180pF	±10%	6.5	5	5	445-2737-ND	.71	1.05	7.50	CK45-R3DD181K-NR	
	220pF	±10%	7	5	5	445-2738-ND	.71	1.05	7.50	CK45-R3DD221K-NR	
	270pF	±10%	7	5	5	445-2739-ND	.71	1.05	7.50	CK45-R3DD271K-NR	
	330pF	±10%	7.5	5	5	445-2740-ND	.71	1.05	7.50	CK45-R3DD331K-NR	
	390pF	±10%	8	5	5	445-2741-ND	.83	1.23	8.75	CK45-R3DD391K-NR	
	470pF	±10%	8.5	5	5	445-2742-ND	.83	1.23	8.75	CK45-R3DD471K-NR	
	560pF	±10%	9	5	5	445-2743-ND	1.07	1.58	11.25	CK45-R3DD561K-NR	
	680pF	±10%	9.5	5	5	445-2744-ND	1.07	1.58	11.25	CK45-R3DD681K-NR	
820pF	±10%	10	5	5	445-2745-ND	1.19	1.75	12.50	CK45-R3DD821K-NR		
3kV	1000pF	±10%	11	5	5	445-2746-ND	1.19	1.75	12.50	CK45-R3DD102K-NR	
	1200pF	±10%	11.5	5	7.5	445-2747-ND	1.19	1.75	12.50	CK45-R3DD122K-NR	
	1500pF	±10%	12	5	7.5	445-2748-ND	1.43	2.10	15.00	CK45-R3DD152K-NR	
	1800pF	±10%	13.5	5	7.5	445-2749-ND	1.43	2.10	15.00	CK45-R3DD182K-NR	
	2200pF	±10%	14.5	5	7.5	445-2750-ND	2.14	3.15	22.50	CK45-R3DD222K-NR	
	2700pF	±10%	15.5	5	10	445-2751-ND	2.14	3.15	22.50	CK45-R3DD272K-NR	
	3300pF	±10%	17	5	10	445-2752-ND	2.85	4.20	30.00	CK45-R3DD332K-NR	
	3900pF	±10%	18	5	10	445-2753-ND	3.09	4.55	32.50	CK45-R3DD392K-NR	
	4700pF	±10%	19.5	5	10	445-2754-ND	3.56	5.25	37.50	CK45-R3DD472K-NR	
	3kV	100pF	±10%	6	6	7.5	445-2755-ND	.71	1.05	7.50	CK45-R3FD101K-NR
		120pF	±10%	6.5	6	7.5	445-2756-ND	.71	1.05	7.50	CK45-R3FD121K-NR
		150pF	±10%	7	6	7.5	445-2757-ND	.71	1.05	7.50	CK45-R3FD151K-NR
		180pF	±10%	7	6	7.5	445-2758-ND	.71	1.05	7.50	CK45-R3FD181K-NR
		220pF	±10%	7.5	6	7.5	445-2759-ND	.83	1.23	8.75	CK45-R3FD221K-NR
		270pF	±10%	8	6	7.5	445-2760-ND	.83	1.23	8.75	CK45-R3FD271K-NR
330pF		±10%	8.5	6	7.5	445-2761-ND	.83	1.23	8.75	CK45-R3FD331K-NR	
390pF		±10%	9	6	7.5	445-2762-ND	.83	1.23	8.75	CK45-R3FD391K-NR	
470pF		±10%	9.5	6	7.5	445-2763-ND	1.19	1.75	12.50	CK45-R3FD471K-NR	
560pF		±10%	10	6	7.5	445-2764-ND	1.19	1.75	12.50	CK45-R3FD561K-NR	
820pF		±10%	11.5	6	7.5	445-2766-ND	1.43	2.10	15.00	CK45-R3FD821K-NR	
1000pF		±10%	12	6	7.5	445-2767-ND	1.90	2.80	20.00	CK45-R3FD102K-NR	
1200pF		±10%	13	6	7.5	445-2768-ND	2.38	3.50	25.00	CK45-R3FD122K-NR	
1500pF		±10%	14.5	6	7.5	445-2769-ND	2.38	3.50	25.00	CK45-R3FD152K-NR	
1800pF		±10%	15.5	6	10	445-2770-ND	2.38	3.50	25.00	CK45-R3FD182K-NR	
2200pF	±10%	16.5	6	10	445-2771-ND	2.97	4.38	31.25	CK45-R3FD222K-NR		
2700pF	±10%	18	6	10	445-2772-ND	2.97	4.38	31.25	CK45-R3FD272K-NR		

VDC	Cap.	Cap. Tol.	Dimensions (mm)			Digi-Key Part No.	Pricing			TDK Part No.	
			D	T	F		5	10	100		
CC45 Series (-20°C ~ 85°C)											
1kV	10pF	±5%	5.5	5	5	445-2773-ND	1.19	1.75	12.50	CC45SL3AD100JYNN	
	12pF	±5%	5.5	5	5	445-2774-ND	1.19	1.75	12.50	CC45SL3AD120JYNN	
	15pF	±5%	5.5	5	5	445-2775-ND	1.19	1.75	12.50	CC45SL3AD150JYNN	
	18pF	±5%	5.5	5	5	445-2776-ND	1.19	1.75	12.50	CC45SL3AD180JYNN	
	22pF	±5%	5.5	5	5	445-2777-ND	1.19	1.75	12.50	CC45SL3AD220JYNN	
	27pF	±5%	5.5	5	5	445-2778-ND	1.19	1.75	12.50	CC45SL3AD270JYNN	
	33pF	±5%	5.5	5	5	445-2779-ND	1.19	1.75	12.50	CC45SL3AD330JYNN	
	39pF	±5%	5.5	5	5	445-2780-ND	1.19	1.75	12.50	CC45SL3AD390JYNN	
	47pF	±5%	5.5	5	5	445-2781-ND	1.19	1.75	12.50	CC45SL3AD470JYNN	
	56pF	±5%	5.5	5	5	445-2782-ND	1.19	1.75	12.50	CC45SL3AD560JYNN	
	68pF	±5%	5.5	5	5	445-2783-ND	1.19	1.75	12.50	CC45SL3AD680JYNN	
	82pF	±5%	6	5	5	445-2784-ND	1.19	1.75	12.50	CC45SL3AD820JYNN	
	100pF	±5%	6.5	5	5	445-2785-ND	1.19	1.75	12.50	CC45SL3AD101JYNN	
	120pF	±5%	7	5	5	445-2786-ND	1.19	1.75	12.50	CC45SL3AD121JYNN	
	150pF	±5%	7.5	5	5	445-2787-ND	1.19	1.75	12.50	CC45SL3AD151JYNN	
2kV	180pF	±5%	8	5	5	445-2788-ND	1.19	1.75	12.50	CC45SL3AD181JYNN	
	220pF	±5%	8.5	5	5	445-2789-ND	1.19	1.75	12.50	CC45SL3AD221JYNN	
	270pF	±5%	9	5	5	445-2790-ND	1.19	1.75	12.50	CC45SL3AD271JYNN	
	330pF	±5%	10	5	5	445-2791-ND	1.19	1.75	12.50	CC45SL3AD331JYNN	
	390pF	±5%	10.5	5	5	445-2792-ND	1.19	1.75	12.50	CC45SL3AD391JYNN	
	470pF	±5%	11.5	5	7.5	445-2793-ND	1.66	2.45	17.50	CC45SL3AD471JYNN	
	560pF	±5%	12.5	5	7.5	445-2794-ND	1.66	2.45	17.50	CC45SL3AD561JYNN	
	680pF	±5%	13.5	5	7.5	445-2795-ND	1.66	2.45	17.50	CC45SL3AD681JYNN	
	820pF	±5%	14.5	5	7.5	445-2796-ND	1.66	2.45	17.50	CC45SL3AD821JYNN	
	1000pF	±5%	16	5	10	445-2797-ND	3.09	4.55	32.50	CC45SL3AD102JYNN	
	3kV	10pF	±5%	5.5	5	5	445-2798-ND	1.43	2.10	15.00	CC45SL3DD100JYNN
		12pF	±5%	5.5	5	5	445-2799-ND	1.43	2.10	15.00	CC45SL3DD120JYNN
		15pF	±5%	5.5	5	5	445-2800-ND	1.43	2.10	15.00	CC45SL3DD150JYNN
		18pF	±5%	5.5	5	5	445-2801-ND	1.43	2.10	15.00	CC45SL3DD180JYNN
		22pF	±5%	5.5	5	5	445-2802-ND	1.43	2.10	15.00	CC45SL3DD220JYNN
27pF		±5%	5.5	5	5	445-2803-ND	1.43	2.10	15.00	CC45SL3DD270JYNN	
33pF		±5%	5.5	5	5	445-2804-ND	1.43	2.10	15.00	CC45SL3DD330JYNN	
39pF		±5%	5.5	5	5	445-2805-ND	1.43	2.10	15.00	CC45SL3DD390JYNN	
47pF		±5%	5.5	5	5	445-2806-ND	1.43	2.10	15.00	CC45SL3DD470JYNN	
56pF		±5%	6	5	5	445-2807-ND	1.43	2.10	15.00	CC45SL3DD560JYNN	
68pF		±5%	6.5	5	5	445-2808-ND	1.43	2.10	15.00	CC45SL3DD680JYNN	
82pF		±5%	7	5	5	445-2809-ND	1.43	2.10	15.00	CC45SL3DD820JYNN	
100pF		±5%	7.5	5	5	445-2810-ND	1.43	2.10	15.00	CC45SL3DD101JYNN	
120pF		±5%	8	5	5	445-2811-ND	1.43	2.10	15.00	CC45SL3DD121JYNN	
150pF		±5%	8.5	5	5	445-2812-ND	1.43	2.10	15.00	CC45SL3DD151JYNN	
6kV	180pF	±5%	9	5	5	445-2813-ND	1.43	2.10	15.00	CC45SL3DD181JYNN	
	220pF	±5%	10	5	5	445-2814-ND	1.43	2.10	15.00	CC45SL3DD221JYNN	
	270pF	±5%	11	5	5	445-2815-ND	1.43	2.10	15.00	CC45SL3DD271JYNN	
	330pF	±5%	11.5	5	7.5	445-2816-ND	1.43	2.10	15.00	CC45SL3DD331JYNN	
	390pF	±5%	12.5	5	7.5	445-2817-ND	1.43	2.10	15.00	CC45SL3DD391JYNN	