



Chipsmall Limited consists of a professional team with an average of over 10 year of expertise in the distribution of electronic components. Based in Hongkong, we have already established firm and mutual-benefit business relationships with customers from,Europe,America and south Asia,supplying obsolete and hard-to-find components to meet their specific needs.

With the principle of “Quality Parts,Customers Priority,Honest Operation,and Considerate Service”,our business mainly focus on the distribution of electronic components. Line cards we deal with include Microchip,ALPS,ROHM,Xilinx,Pulse,ON,Everlight and Freescale. Main products comprise IC,Modules,Potentiometer,IC Socket,Relay,Connector.Our parts cover such applications as commercial,industrial, and automotives areas.

We are looking forward to setting up business relationship with you and hope to provide you with the best service and solution. Let us make a better world for our industry!



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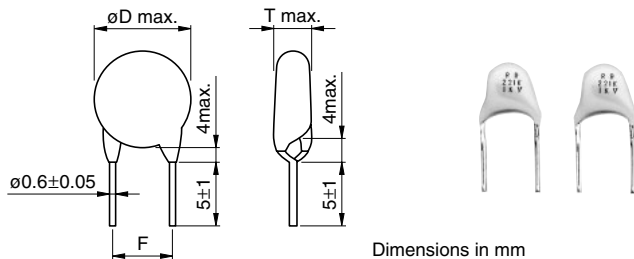
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Mid-high Voltage Ceramic Capacitors(Disk with Lead) Low Dissipation at High Frequency CK45-RR Series

Conformity to RoHS Directive

SHAPES AND DIMENSIONS



CAPACITANCE TEMPERATURE CHARACTERISTICS AND TOLERANCE

Temperature characteristics	Temperature range	Capacitance tolerance
R(+15, -30%)	-25 to +125°C	K(±10%)

CAPACITANCE AND DIMENSIONS

RATED VOLTAGE Edc: 1kV

Part No.	Capacitance (pF)	Dimensions (mm)		
		øD max.	T max.	F
CK45-R3AD101K-NR	100*	6	5	5±1.5
CK45-R3AD121K-NR	120	6	5	5±1.5
CK45-R3AD151K-NR	150*	6	5	5±1.5
CK45-R3AD181K-NR	180	6	5	5±1.5
CK45-R3AD221K-NR	220*	6	5	5±1.5
CK45-R3AD271K-NR	270	6	5	5±1.5
CK45-R3AD331K-NR	330*	6.5	5	5±1.5
CK45-R3AD391K-NR	390	6.5	5	5±1.5
CK45-R3AD471K-NR	470*	7	5	5±1.5
CK45-R3AD561K-NR	560	7.5	5	5±1.5
CK45-R3AD681K-NR	680*	8	5	5±1.5
CK45-R3AD821K-NR	820	8.5	5	5±1.5
CK45-R3AD102K-NR	1,000*	9	5	5±1.5
CK45-R3AD122K-NR	1,200	9.5	5	5±1.5
CK45-R3AD152K-NR	1,500*	10	5	5±1.5
CK45-R3AD182K-NR	1,800	10.5	5	5±1.5
CK45-R3AD222K-NR	2,200*	11.5	5	7.5±1.5
CK45-R3AD272K-NR	2,700	12.5	5	7.5±1.5
CK45-R3AD332K-NR	3,300*	13.5	5	7.5±1.5
CK45-R3AD392K-NR	3,900	14.5	5	7.5±1.5
CK45-R3AD472K-NR	4,700*	15.5	5	10±2

* 1kV and 2kV are E6 series standard products.

RATED VOLTAGE Edc: 2kV

Part No.	Capacitance (pF)	Dimensions (mm)		
		øD max.	T max.	F
CK45-R3DD101K-NR	100*	6	5	5±1.5
CK45-R3DD121K-NR	120	6	5	5±1.5
CK45-R3DD151K-NR	150*	6	5	5±1.5
CK45-R3DD181K-NR	180	6.5	5	5±1.5
CK45-R3DD221K-NR	220*	7	5	5±1.5
CK45-R3DD271K-NR	270	7	5	5±1.5
CK45-R3DD331K-NR	330*	7.5	5	5±1.5
CK45-R3DD391K-NR	390	8	5	5±1.5
CK45-R3DD471K-NR	470*	8.5	5	5±1.5
CK45-R3DD561K-NR	560	9	5	5±1.5
CK45-R3DD681K-NR	680*	9.5	5	5±1.5
CK45-R3DD821K-NR	820	10	5	5±1.5
CK45-R3DD102K-NR	1,000*	11	5	5±1.5
CK45-R3DD122K-NR	1,200	11.5	5	7.5±1.5
CK45-R3DD152K-NR	1,500*	12	5	7.5±1.5
CK45-R3DD182K-NR	1,800	13.5	5	7.5±1.5
CK45-R3DD222K-NR	2,200*	14.5	5	7.5±1.5
CK45-R3DD272K-NR	2,700	15.5	5	10±2
CK45-R3DD332K-NR	3,300*	17	5	10±2
CK45-R3DD392K-NR	3,900	18	5	10±2
CK45-R3DD472K-NR	4,700*	19.5	5	10±2

* 1kV and 2kV are E6 series standard products.

RATED VOLTAGE Edc: 3kV

Part No.	Capacitance (pF)	Dimensions (mm)		
		øD max.	T max.	F
CK45-R3FD101K-NR	100	6	6	7.5±1.5
CK45-R3FD121K-NR	120	6.5	6	7.5±1.5
CK45-R3FD151K-NR	150	7	6	7.5±1.5
CK45-R3FD181K-NR	180	7	6	7.5±1.5
CK45-R3FD221K-NR	220	7.5	6	7.5±1.5
CK45-R3FD271K-NR	270	8	6	7.5±1.5
CK45-R3FD331K-NR	330	8.5	6	7.5±1.5
CK45-R3FD391K-NR	390	9	6	7.5±1.5
CK45-R3FD471K-NR	470	9.5	6	7.5±1.5
CK45-R3FD561K-NR	560	10	6	7.5±1.5
CK45-R3FD681K-NR	680	10.5	6	7.5±1.5
CK45-R3FD821K-NR	820	11.5	6	7.5±1.5
CK45-R3FD102K-NR	1,000	12	6	7.5±1.5
CK45-R3FD122K-NR	1,200	13	6	7.5±1.5
CK45-R3FD152K-NR	1,500	14.5	6	7.5±1.5
CK45-R3FD182K-NR	1,800	15.5	6	10±2
CK45-R3FD222K-NR	2,200	16.5	6	10±2
CK45-R3FD272K-NR	2,700	18	6	10±2

- For more information about the products of other capacitance or data, please contact us.

- Conformity to RoHS Directive: This means that, in conformity with EU Directive 2002/95/EC, lead, cadmium, mercury, hexavalent chromium, and specific bromine-based flame retardants, PBB and PBDE, have not been used, except for exempted applications.

- All specifications are subject to change without notice.