



CERAMIC CAPACITORS

DC Rated Ceramic Disc Capacitors

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	Product Family	Series	Voltage	Capacitance	Tolerance	Class	Temperature Characteristics
General Purpose	Vishay Draloric	HSZ.. HSE..	500 V _{DC}	10 pF to 10 nF	± 10 % ± 20 % + 50 %/- 20 %	2	Y5T (2D3) Y5U (2E3)
		HAU..	1000 V _{DC}	10 pF to 680 pF	± 10 %	1	U2J (N750)
		HAZ.. HAE.. HAX..		47 pF to 22 nF	± 10 % ± 20 % + 50 %/- 20 %	2	Y5T (2D3) Y5U (2E3) Y5V (2F3)
		HBU..	2000 V _{DC}	10 pF to 470 pF	± 10 %	1	U2J (N750)
		HBZ.. HBE.. HBX..		56 pF to 22 nF	± 10 % ± 20 % + 50 %/- 20 %	2	Y5T (2D3) Y5U (2E3) Y5V (2F3)
		HCU..	3000 V _{DC}	10 pF to 330 pF	± 10 %	1	U2J (N750)
		HCZ.. HCE..		68 pF to 10 nF	± 10 % ± 20 %	2	Y5T (2D3) Y5U (2E3)
		HDU..	4000 V _{DC}	10 pF to 470 pF	± 10 %	1	U2J (N750)
		HDE..		33 pF to 4.7 nF	± 20 %	2	Y5U (2E3)
		HEU..	5000 V _{DC}	22 pF to 330 pF	± 10 %	1	U2J (N750)
		HEE..		220 pF to 2.2 nF	± 20 %	2	Y5U (2E3)
		HFU..	6000 V _{DC}	10 pF to 330 pF	± 10 %	1	U2J (N750)
		HFZ.. HFE..		56 pF to 6.8 nF	± 20 %	2	Y5T (2D3) Y5U (2E3)
		HGZ..	8000 V _{DC}	100 pF to 2.2 nF	± 20 %	2	Y5T (2D3)
	Vishay Cera-Mite	561R5GA 562R5GA 562R5HK	1000 V _{DC}	10 pF to 15 nF	± 20 % ± 100 %/- 0 %	1 and 2	C0G (NP0), U2J (N750), X5F, X7R, Y5U, Z5U
		564R20GA 565R20GA	2000 V _{DC}	1.0 nF to 100 nF	± 20 %	2	Y5U, Y5V, Z5U
		564R30GA 565R30GA	3000 V _{DC}	10 pF to 33 nF	± 20 %	1 and 2	U2J (N750), R3L (N2200), X7R, Y5U, Y5V, Z5U
		564R60GA	6000 V _{DC}	10 pF to 10 nF	± 20 %	1 and 2	C0G (NP0), U2J (N750), R3L (N2200), X5F, X5S, Y5U, Z5U
		564R75GA	7500 V _{DC}	100 pF to 2.5 nF	± 20 % ± 80 %/- 20 %	2	X5F, Y5U, Z5U
		615R100GA	10 000 V _{DC}	250 pF to 3.3 nF	± 20 %	1 and 2	T3M (N4700), X5F, Y5R, Y5U, Z5U
		615R150GA	15 000 V _{DC}	100 pF to 2.5 nF	± 80 %/- 20 %		
	Vishay BCcomponents	D Series	50 V _{DC}	1.0 pF to 47 nF	± 0.25 pF ± 0.5 pF ± 5 % ± 10 % ± 20 % ± 80 %/- 20 %	1 and 2	C0G (NP0), SLO, X5F, Y5P, Y5V, Z5U, Z5V
			100 V _{DC}	1.0 pF to 47 nF			
			500 V _{DC}	10 pF to 22 nF			
		H Series	500 V _{DC}	1.0 pF to 4.7 nF		2	X7R
			1000 V _{DC}	1.0 pF to 4.7 nF			
			500 V _{DC}	100 nF			
		S Series	1000 V _{DC}	10 pF to 33 nF	± 0.25 pF ± 0.5 pF ± 5 % ± 10 % ± 20 % ± 80 %/- 20 %	1 and 2	SLO, S3N, X5F, X7R, Y5P, Y5V, Z5U
			2000 V _{DC}	10 pF to 10 nF			
			3000 V _{DC}	10 pF to 6.8 nF			
			6000 V _{DC}	10 pF to 2.2 nF			





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Narrow Tolerance	Vishay Cera-Mite 	561R10TC	1000 V _{DC}	1.0 pF to 680 pF	± 0.5 pF ± 5 %	1	C0G C0K (NP0) U2J (N750) M3K (N1000) S3N (N3300)
	Vishay BCcomponents 	D Series	100 V _{DC}	1.5 pF to 330 pF	± 0.25 pF ± 2 %	1	C0G (NP0) U2J (N750)
			500 V _{DC}	1.0 pF to 150 pF			
	Vishay BCcomponents 	S Series	3000 V _{DC}	2.0 pF to 220 pF	± 0.25 pF ± 0.5 pF ± 5 %	1	C0G (NP0)
			4000 V _{DC}	2.0 pF to 100 pF			
			6000 V _{DC}	2.0 pF to 1500 pF			
Temperature and Voltage Stabilized	Vishay Cera-Mite 	561R10TS 562R10TS	1000 V _{DC}	10 pF to 10 nF	± 10 %	1 and 2	C0G (NP0) U2J (N750) X5F
		564R20TS	2000 V _{DC}	100 pF to 6.8 nF	± 10 % ± 20 %	2	X7R, Y5S
		564R30TS	3000 V _{DC}	680 pF to 6.8 nF	± 10 % ± 20 %	2	X7R, Y5S
Low Dissipation Factor	Vishay Draloric 	HAK..	1000 V _{DC}	100 pF to 4.7 nF	± 20 %	2	Y5S (2C3)
		HBK..	2000 V _{DC}	100 pF to 4.7 nF			Y5S (2C3)
		HCK..	2000 V _{DC}	100 pF to 3.3 nF			Y5S (2C3)
		HIK..	15 000 V _{DC}	100 pF to 1.5 nF			Y5S (2C3)
		IEL..	25 000 V _{DC}	12 pF to 36 pF		1	U2J (N750) R3L (N2200)
	Vishay Cera-Mite 	561R1DF0	1000 V _{DC}	10 pF to 6.8 nF	± 5 % ± 10 %	1	C0G (NP0) N1500 N2000 R3L (N2200) N2500 N2800
		564R2DF0	2000 V _{DC}	10 pF to 6.8 nF			
		564R3DF0	3000 V _{DC}	10 pF to 4.7 nF			
	Vishay BCcomponents 	F Series	500 V _{DC}	100 pF to 2.7 nF	± 10 %	2	Y5R
			1000 V _{DC}	100 pF to 4.7 nF			
			2000 V _{DC}	100 pF to 4.7 nF			
			3000 V _{DC}	100 pF to 2.7 nF			

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