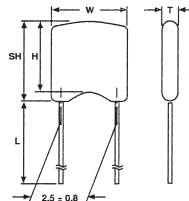


BC COMPONENTS TYPE HV HIGH VOLTAGE DISC CAPACITORS

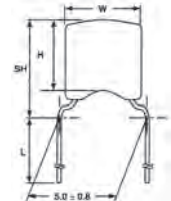
FEATURES: Low losses, high stability, high capacitance in small size, kinked (preferred) or straight leads. Capacitors consist of a ceramic disc both sides of which are silver-plated. Connection leads are made of tinned copper having a diameter of 0.6mm or 0.8mm up to 3kV and 0.8mm for 6kV. Application for 500V ceramic disc: bypassing, coupling, resonant circuit. Application for 1kV-6kV ceramic disc: DC high voltage, pulse high voltage, SMPS, HV power supply, HF ballast. **SPECIFICATIONS:** Operating temperature: Class 1 SL0//C0G -55 to +125°C; Class 2 X7R -55 to +125°C; Class 2 Y5P; Y5V -30 to +85°C.

Cat. No.	TC	Tol	Voltage	Cap. (pF)	D (mm)	F (mm)	Net Price*
D100G20C0GH63J5R	C0G	±2%	100	10	5.0	5.0	\$85.29
D150G20C0GH63J5R	C0G	±2%	100	15	5.0	5.0	85.29
D220G20C0GH63J5R	C0G	±2%	100	22	5.0	5.0	85.29
D270G20C0GH63J5R	C0G	±2%	100	27	5.0	5.0	85.29
D330G20C0GH63J5R	C0G	±2%	100	33	5.0	5.0	85.29
D470G25C0GH63J5R	C0G	±2%	100	47	6.5	5.0	105.50
D101G29C0GH63J5R	C0G	±2%	100	100	7.5	5.0	149.64
D221G43C0GH63J5R	C0G	±2%	100	220	11.0	5.0	243.16
D331G39P3KH63J5R	N1500	±2%	100	330	10.0	5.0	215.85
D471G43P3KH63J5R	N1500	±2%	100	470	11.0	5.0	243.16
S100J25SL0N63J5R	SLO	±5%	1000	10	6.5	5.0	56.49
S220J25SL0N63J5R	SLO	±5%	1000	22	6.5	5.0	56.49
S270J25SL0N63J5R	SLO	±5%	1000	27	6.5	5.0	56.49
S330J25SL0N63J5R	SLO	±5%	1000	33	6.5	5.0	56.49
S470J25SL0N63J5R	SLO	±5%	1000	47	6.5	5.0	56.49
S101J29SL0N63J5R	SLO	±5%	1000	100	7.5	5.0	68.83
S221K25Y5PN63J5R	Y5P	±10%	1000	220	6.5	5.0	52.37
S331K25Y5PN63J5R	Y5P	±10%	1000	330	6.5	5.0	52.37
S471K25Y5PN63J5R	Y5P	±10%	1000	470	6.5	5.0	52.37
S681K29Y5PN63J5R	Y5P	±10%	1000	680	7.5	5.0	61.73
S102K29Y5PN63J5R	Y5P	±10%	1000	1000	7.5	5.0	61.73
S222M29Z5UN63J5R	Z5U	±20%	1000	2200	6.5	5.0	65.09
S332M33Z5UN63J5R	Z5U	±20%	1000	3300	8.5	5.0	149.64
S472M39Z5UN63J5R	Z5U	±20%	1000	4700	10.0	5.0	96.52
S682M43Z5UN63J5R	Z5U	±20%	1000	6800	11.0	5.0	160.86
S103M47Z5UN63J7R	Z5U	±20%	1000	10000	12.0	7.5	120.09
S101K25Y5PP63K5R	Y5P	±10%	2000	100	6.5	5.0	62.85
S221K25Y5PP63K5R	Y5P	±10%	2000	220	6.5	5.0	62.85
S471K29Y5PP63K5R	Y5P	±10%	2000	470	7.5	5.0	83.80
S102K33Y5PP63K5R	Y5P	±10%	2000	1000	8.5	5.0	89.04
S222K43Y5PP63K5R	Y5P	±10%	2000	2200	11.0	5.0	156.00
S103M69Z5UP63K7R	Z5U	±20%	2000	10000	17.5	7.5	242.41
S101K33Y5PR63K7R	Y5P	±10%	3000	100	8.5	7.5	110.36
S221K33Y5PR63K7R	Y5P	±10%	3000	220	8.5	7.5	110.36
S471K33Y5PR63K7R	Y5P	±10%	3000	470	8.5	7.5	110.36
S102K43Y5PR63K7R	Y5P	±10%	3000	1000	11.0	7.5	155.25
S222K59Y5PR63K7R	Y5P	±10%	3000	2200	15.0	7.5	247.65
S102M59Z5U083LOR	Z5U	±20%	6000	1000	15.0	10.0	520.37
S222M75Z5U083LOR	Z5U	±20%	6000	2200	19.0	10.0	792.33

*Net Price per 1000.



L2



H5

BC COMPONENTS MONO-KAP RADIAL CERAMIC CAPACITORS

BC Components Mono-Kap product line provides a wide range of conformally coated multi-layer ceramic capacitors in three dielectrics-C0G Ultra Stable; X7R Stable and Y5V General Purpose. The capacitors are fired through a high temperature profile to mature the ceramic and metal into a homogenous unit. Encapsulation consists of moisture-resistant conformal epoxy coating that meets the flame requirements of UL94V-0. Operating Temperature: -55°C to +125°C for C0G and X7R type; -55°C to +85°C for Z5U type.

SIZE CHART

Size Code	Max. Width	Max. Height	Max. Thickness	Max. Seating Height (SH)	
				L2	H5
15	4.0 (0.15)	4.0 (0.15)	25 (0.100)	5.58 (0.220)	6.50 (0.256)
20	5.0 (0.20)	5.0 (0.20)	3.2 (0.13)	6.58 (0.259)	7.50 (0.295)

Cat. No.	Dielectric	VDC	Cap (pF)	Size Code	L.S. (mm)	Net Price*
K100J15C0GF53L2	C0G	50	10	15	2.5	\$60.60
K150J15C0GF53L2	C0G	50	15	15	2.5	60.60
K180J15C0GF53L2	C0G	50	18	15	2.5	60.60
K220J15C0GF53L2	C0G	50	22	15	2.5	60.60
K270J15C0GF53L2	C0G	50	27	15	2.5	60.60
K330J15C0GF53L2	C0G	50	33	15	2.5	60.60
K390J15C0GF53L2	C0G	50	39	15	2.5	60.60
K470J15C0GF53L2	C0G	50	47	15	2.5	60.60
K560J15C0GF53L2	C0G	50	56	15	2.5	60.60
K680J15C0GF53L2	C0G	50	68	15	2.5	60.60
K820J15C0GF53L2	C0G	50	82	15	2.5	60.60
K101J15C0GF53L2	C0G	50	100	15	2.5	60.60
K151J15C0GF53L2	C0G	50	150	15	2.5	72.95
K221J15C0GF53L2	C0G	50	220	15	2.5	72.95
K331J15C0GF53L2	C0G	50	330	15	2.5	89.78
K471J15C0GF53L2	C0G	50	470	15	2.5	89.78
K681J15C0GF53L2	C0G	50	680	15	2.5	109.98
K102J15C0GF53L2	C0G	50	1000	15	2.5	89.78
K222J15C0GF53L2	C0G	50	2200	15	2.5	185.55
K332J20C0GF53L2	C0G	50	3300	20	2.5	411.88
K100J15C0GH53L2	C0G	100	10	15	2.5	92.40
K220J15C0GH53L2	C0G	100	22	15	2.5	92.40
K330J15C0GH53L2	C0G	100	33	15	2.5	92.40
K470J15C0GH53L2	C0G	100	47	15	2.5	92.40
K101J15C0GH53L2	C0G	100	100	15	2.5	92.40
K221J15C0GH53L2	C0G	100	220	15	2.5	114.85
K471J15C0GH53L2	C0G	100	470	15	2.5	144.03
K102J20C0GH53L2	C0G	100	1000	20	2.5	226.33

Cat. No.	Dielectric	VDC	Cap (pF)	Size Code	L.S. (mm)	Net Price*
K221K15X7RF53L2	X7R	50	220	15	2.5	\$55.37
K471K15X7RF53L2	X7R	50	470	15	2.5	55.37
K102K15X7RF53L2	X7R	50	1000	15	2.5	55.37
K102K15X7RF53H5	X7R	50	1000	15	5.0	55.37
K152K15X7RF53L2	X7R	50	1500	15	2.5	55.74
K222K15X7RF53L2	X7R	50	2200	15	2.5	55.74
K332K15X7RF53L2	X7R	50	3300	15	2.5	55.74
K472K15X7RF53L2	X7R	50	4700	15	2.5	55.74
K682K15X7RF53L2	X7R	50	6800	15	2.5	55.74
K103K15X7RF53L2	X7R	50	0.01µF	15	2.5	55.37
K103K15X7RF53H5	X7R	50	0.01µF	15	5.0	19.66
K223K15X7RF53L2	X7R	50	0.022µF	15	2.5	62.47
K333K15X7RF53L2	X7R	50	0.033µF	15	2.5	66.59
K473K15X7RF53L2	X7R	50	0.047µF	15	2.5	66.22
K683K15X7RF53L2	X7R	50	0.068µF	15	2.5	94.65
K104K15X7RF53L2	X7R	50	0.1µF	15	2.5	64.35
K104K15X7RF53H5	X7R	50	0.1µF	15	5.0	64.35
K224K20X7RF53H5	X7R	50	0.22µF	20	5.0	184.43
K334K20X7RF53H5	X7R	50	0.33µF	20	5.0	389.06
K221K15X7RH53L2	X7R	100	220	15	2.5	62.47
K471K15X7RH53L2	X7R	100	470	15	2.5	62.47
K102K15X7RH53L2	X7R	100	1000	15	2.5	62.10
K332K15X7RH53L2	X7R	100	2200	15	2.5	66.22
K222K15X7RH53L2	X7R	100	3300	15	2.5	66.22
K472K15X7RH53L2	X7R	100	4700	15	2.5	66.22
K103K15X7RH53L2	X7R	100	0.01µF	15	2.5	80.06
K223K15X7RH53L2	X7R	100	0.022µF	15	2.5	120.09
K473K20X7RH53L2	X7R	100	0.047µF	20	2.5	171.71
K105Z20Y5VF53H5	Y5V	50	1µF	20	5.0	141.78
K105Z20Y5VF53L2	Y5V	50	1µF	20	2.5	141.78

*Net Price per 1000.