



# Specification Table DCC (DC High Voltage)



## Y5P (EKB)

R.V	Capacitance (pF)	Dimension (mm)				Samwha Part No.	Marking
	Y5P (B)	Dmax	Tmax	F ± 1.0	Ød ± 0.05		
1kV DC	100	6.3	5.0	5.0	0.50	EKB3A101K06FF5	
	120	6.3	5.0	5.0	0.50	EKB3A121K06FF5	
	150	6.3	5.0	5.0	0.50	EKB3A151K06FF5	
	180	6.3	5.0	5.0	0.50	EKB3A181K06FF5	
	220	6.3	5.0	5.0	0.50	EKB3A221K06FF5	
	270	6.3	5.0	5.0	0.50	EKB3A271K06FF5	
	330	6.3	5.0	5.0	0.50	EKB3A331K06FF5	
	390	6.3	5.0	5.0	0.50	EKB3A391K06FF5	
	470	6.3	5.0	5.0	0.50	EKB3A471K06FF5	
	560	6.3	5.0	5.0	0.50	EKB3A561K06FF5	
	680	6.3	5.0	5.0	0.50	EKB3A681K06FF5	
	820	8.0	5.0	5.0	0.50	EKB3A821K08FF5	
	1000	8.0	5.0	5.0	0.50	EKB3A102K08FF5	
	1200	8.0	5.0	5.0	0.50	EKB3A122K08FF5	
	1500	8.0	5.0	5.0	0.50	EKB3A152K08FF5	
	1800	10.0	5.0	5.0(7.5)	0.50(0.60)	EKB3A182K10FF5	
	2200	10.0	5.0	5.0(7.5)	0.50(0.60)	EKB3A222K10FF5	
	2700	12.5	5.0	5.0(7.5)	0.50(0.60)	EKB3A272K12FF7	
	3300	12.5	5.0	5.0(7.5)	0.50(0.60)	EKB3A332K12FF7	
	3900	14.0	5.0	7.5(10.0)	0.60	EKB3A392K14FF7	
4700	14.0	5.0	7.5(10.0)	0.60	EKB3A472K14FF7		
5600	16.0	5.0	7.5(10.0)	0.60	EKB3A562K16FF1		
6800	16.0	5.0	7.5(10.0)	0.60	EKB3A682K16FF1		
2kV DC	100	6.3	5.0	5.0	0.50	EKB3D101K06FF5	
	120	6.3	5.0	5.0	0.50	EKB3D121K06FF5	
	150	6.3	5.0	5.0	0.50	EKB3D151K06FF5	
	180	6.3	5.0	5.0	0.50	EKB3D181K06FF5	
	220	6.3	5.0	5.0	0.50	EKB3D221K06FF5	
	330	6.3	5.0	5.0	0.50	EKB3D331K06FF5	
	390	6.3	5.0	5.0	0.50	EKB3D391K06FF5	
	470	6.3	5.0	5.0	0.50	EKB3D471K06FF5	
	560	6.3	5.0	5.0	0.50	EKB3D561K06FF5	
	680	8.0	5.0	7.5	0.60	EKB3D681K08FF7	
	820	8.0	5.0	7.5	0.60	EKB3D821K08FF7	
	1000	8.0	5.0	7.5	0.60	EKB3D102K08FF7	
	1200	10.0	5.0	5.0(7.5)	0.50(0.60)	EKB3D122K10FF7	
	1500	10.0	5.0	5.0(7.5)	0.50(0.60)	EKB3D152K10FF7	
	1800	12.5	5.0	7.5(10.0)	0.60	EKB3D182K12FF7	
	2200	12.5	5.0	7.5(10.0)	0.60	EKB3D222K12FF7	
	2700	12.5	5.0	7.5(10.0)	0.60	EKB3D272K12FF7	
	3300	14.0	5.0	7.5(10.0)	0.60	EKB3D332K14FF7	
	3900	14.0	5.0	7.5(10.0)	0.60	EKB3D392K14FF7	
	4700	16.0	5.0	7.5(10.0)	0.60	EKB3D472K16FF1	
5600	18.0	5.0	7.5(10.0)	0.60	EKB3D562K18FF1		
6800	20.0	5.0	7.5(10.0)	0.60	EKB3D682K20FF1		

Note : Lead wire type can be change from FF to FK or Bulk Type (BW, BS, etc).

# Specification Table DCC (DC High Voltage)









## Y5P (EKB)

R.V	Capacitance (pF)	Dimension (mm)				Samwha Part No.	Marking
	Y5P (B)	Dmax	Tmax	F ± 1.0	Ød ± 0.05		
3.15kV DC	100	8.0	6.0	7.5(10.0)	0.60	EKB3F101K08FF7	
	120	8.0	6.0	7.5(10.0)	0.60	EKB3F121K08FF7	
	150	8.0	6.0	7.5(10.0)	0.60	EKB3F151K08FF7	
	180	8.0	6.0	7.5(10.0)	0.60	EKB3F181K08FF7	
	220	8.0	6.0	7.5(10.0)	0.60	EKB3F221K08FF7	
	270	8.0	6.0	7.5(10.0)	0.60	EKB3F271K08FF7	
	330	8.0	6.0	7.5(10.0)	0.60	EKB3F331K08FF7	
	390	8.0	6.0	7.5(10.0)	0.60	EKB3F391K08FF7	
	470	8.0	6.0	7.5(10.0)	0.60	EKB3F471K08FF7	
	560	8.0	6.0	7.5(10.0)	0.60	EKB3F561K08FF7	
	680	10.0	6.0	7.5(10.0)	0.60	EKB3F681K10FF7	
	820	12.5	6.0	7.5(10.0)	0.60	EKB3F821K12FF7	
	1000	12.5	6.0	7.5(10.0)	0.60	EKB3F102K12FF7	
	1200	14.0	6.0	7.5(10.0)	0.60	EKB3F122K14FF7	
	1500	14.0	6.0	7.5(10.0)	0.60	EKB3F152K14FF7	
	1800	15.0	6.0	7.5(10.0)	0.60	EKB3F182K15FF1	
	2200	15.0	6.0	7.5(10.0)	0.60	EKB3F222K15FF1	
	2700	16.0	6.0	7.5(10.0)	0.60	EKB3F272K16FF1	
3300	18.0	6.0	7.5(10.0)	0.60	EKB3F332K18FF1		
6.3kV DC	100	8.0	7.0	10.0	0.60	EKB3J101K08FF1	
	120	8.0	7.0	10.0	0.60	EKB3J121K08FF1	
	150	8.0	7.0	10.0	0.60	EKB3J151K08FF1	
	180	8.0	7.0	10.0	0.60	EKB3J181K08FF1	
	220	8.0	7.0	10.0	0.60	EKB3J221K08FF1	
	330	8.0	7.0	10.0	0.60	EKB3J331K08FF1	
	470	8.0	7.0	10.0	0.60	EKB3J471K08FF1	
	1000	12.5	7.0	10.0	0.60	EKB3J102K12FF1	









Note : Lead wire type can be change from FF to FK or Bulk Type (BW, BS, etc).

# Specification Table DCC (DC High Voltage)

## Y5U (EKE)

R.V	Capacitance (pF)	Dimension (mm)				Samwha Part No.	Marking
	Y5U (E)	Dmax	Tmax	F ± 1.0	Ød ± 0.05		
1kV DC	1000	6.3	5.0	5.0	0.50	EKE3A102K06FF5	  6.3≤D≤9.0    D≥10.0
	2200	10.0	5.0	5.0(7.5)	0.50(0.60)	EKE3A222K10FF5	
	4700	12.5	5.0	5.0(7.5)	0.50(0.60)	EKE3A472K12FF7	
	10000	14.0	5.0	7.5(10.0)	0.60	EKE3A103K14FF7	
2kV DC	1000	8.0	5.0	7.5	0.60	EKE3D102K08FF7	  6.3≤D≤9.0    D≥10.0
	2200	8.0	5.0	7.5	0.60	EKE3D222K08FF7	
	4700	10.0	5.0	5.0(7.5)	0.50(0.60)	EKE3D472K10FF7	
	10000	16.0	5.0	7.5(10.0)	0.60	EKE3D103K16FF7	
3.15kV DC	1000	8.0	6.0	7.5(10.0)	0.60	EKE3F102K08FF7	  6.3≤D≤9.0    D≥10.0
	1500	10.0	6.0	7.5(10.0)	0.60	EKE3F152K10FF7	
	2200	12.5	6.0	7.5(10.0)	0.60	EKE3F222K12FF7	
	3300	14.0	6.0	7.5(10.0)	0.60	EKE3F332K14FF7	
	4700	14.0	6.0	7.5(10.0)	0.60	EKE3F472K14FF7	
6.3kV DC	1000	8.0	7.0	10.0	0.60	EKE3J102K08FF1	  6.3≤D≤9.0    D≥10.0
	1500	9.0	7.0	10.0	0.60	EKE3J152K09FF1	
	2200	12.5	7.0	10.0	0.60	EKE3J222K12FF1	
	3300	14.0	7.0	10.0	0.60	EKE3J332K14FF1	
	3900	15.5	7.0	10.0	0.60	EKE3J392K15FF1	
	4700	15.5	7.0	10.0	0.60	EKE3J472K15FF1	




## Y5V (EKF)

R.V	Capacitance (pF)	Dimension (mm)				Samwha Part No.	Marking
	Y5V (F)	Dmax	Tmax	F ± 1.0	Ød ± 0.05		
1kV DC	1000	6.3	5.0	5.0	0.50	EKF3A102Z06FF5	  6.3≤D≤9.0    D≥10.0
	2200	6.3	5.0	5.0	0.50	EKF3A222Z06FF5	
	4700	8.0	5.0	5.0	0.50	EKF3A472Z08FF5	
	10000	10.0	5.0	5.0(7.5)	0.50(0.60)	EKF3A103Z10FF5	
	22000	13.0	5.0	7.5(10.0)	0.60	EKF3A223Z13FF7	
2kV DC	1000	6.3	5.0	5.0	0.50	EKF3D102Z06FF5	  6.3≤D≤9.0    D≥10.0
	2200	6.3	5.0	5.0	0.50	EKF3D222Z06FF5	
	4700	10.0	5.0	5.0(7.5)	0.50(0.60)	EKF3D472Z10FF5	
	6800	12.5	5.0	7.5(10.0)	0.60	EKF3D682Z12FF5	
	10000	12.5	5.0	7.5(10.0)	0.60	EKF3D103Z12FF5	
3.15kV DC	1000	7.0	6.0	7.5(10.0)	0.60	EKF3F102Z07FF7	  6.3≤D≤9.0    D≥10.0
	2200	8.0	6.0	7.5(10.0)	0.60	EKF3F222Z08FF7	
	4700	12.5	6.0	7.5(10.0)	0.60	EKF3F472Z12FF7	
	6800	13.0	6.0	7.5(10.0)	0.60	EKF3F682Z13FF7	
	10000	14.0	6.0	7.5(10.0)	0.60	EKF3F103Z14FF7	
6.3kV DC	1000	8.0	7.0	10.0	0.60	EKF3J102Z08FF1	  6.3≤D≤9.0    D≥10.0
	2200	12.5	7.0	10.0	0.60	EKF3J222Z12FF1	
	4700	12.5	7.0	10.0	0.60	EKF3J472Z12FF1	
	10000	20.0	7.0	10.0	0.60	EKF3J103Z20FF1	

Note : Lead wire type can be change from FF to FK or Bulk Type (BW, BS, etc).

# Specification Table DCC (DC High Voltage)



## Y5R (EKR)

R.V	Capacitance (pF)	Dimension (mm)				Samwha Part No.	Marking
	R(Y5R)	Dmax	Tmax	F ± 1.0	Ød ± 0.05		
1kV DC	100	6.3	5.0	5.0	0.50	EKR3A101K06FF5	 6.3≤D≤9.0      D≥10.0   Special case for EKR3A222K
	150	6.3	5.0	5.0	0.50	EKR3A151K06FF5	
	220	6.3	5.0	5.0	0.50	EKR3A221K06FF5	
	270	6.3	5.0	5.0	0.50	EKR3A271K06FF5	
	330	6.3	5.0	5.0	0.50	EKR3A331K06FF5	
	390	6.3	5.0	5.0	0.50	EKR3A391K06FF5	
	470	7.0	5.0	5.0	0.50	EKR3A471K07FF5	
	560	8.0	5.0	5.0	0.50	EKR3A561K08FF5	
	680	8.0	5.0	5.0	0.50	EKR3A681K08FF5	
	820	9.0	5.0	5.0/7.5	0.50/0.60	EKR3A821K09FF5	
	1000	9.0	5.0	5.0/7.5	0.50/0.60	EKR3A102K09FF5	
	1200	10.0	5.0	5.0/7.5	0.50/0.60	EKR3A122K10FF5	
	1500	11.0	5.0	5.0/7.5	0.50/0.60	EKR3A152K11FF7	
	1800	14.0	5.0	10.0	0.60	EKR3A182K14FF1	
	2200	14.0	5.0	10.0	0.60	EKR3A222K14FF1	
	2700	14.0	5.0	10.0	0.60	EKR3A272K14FF1	
	3300	15.0	5.0	10.0	0.60	EKR3A332K15FF1	
3900	17.0	5.0	10.0	0.60	EKR3A392K17FF1		
4700	18.0	5.0	10.0	0.60	EKR3A472K18FF1		
2kV DC	100	6.3	5.0	5.0/7.5	0.50/0.60	EKR3D101K06FF5	 6.3≤D≤9.0      D≥10.0
	120	6.3	5.0	5.0/7.5	0.50/0.60	EKR3D121K06FF5	
	150	7.0	5.0	5.0/7.5	0.50/0.60	EKR3D151K07FF5	
	220	7.0	5.0	5.0/7.5	0.50/0.60	EKR3D221K07FF5	
	270	7.0	5.0	5.0/7.5	0.50/0.60	EKR3D271K07FF5	
	330	8.0	5.0	5.0/7.5/10.0	0.50/0.60	EKR3D331K08FF5	
	390	8.0	5.0	5.0/7.5/10.0	0.50/0.60	EKR3D391K08FF5	
	470	10.0	5.0	5.0/7.5/10.0	0.50/0.60	EKR3D471K10FF5	
	560	10.0	5.0	5.0/7.5/10.0	0.50/0.60	EKR3D561K10FF5	
	680	10.0	5.0	5.0/7.5/10.0	0.50/0.60	EKR3D681K10FF5	
	820	11.0	5.0	5.0/7.5/10.0	0.50/0.60	EKR3D821K11FF7	
	1000	11.0	5.0	5.0/7.5/10.0	0.50/0.60	EKR3D102K11FF7	
	1200	14.5	5.0	7.5/10.0	0.60	EKR3D122K14FF7	
	1500	14.5	5.0	7.5/10.0	0.60	EKR3D152K14FF7	
	1800	15.0	5.0	10.0	0.60	EKR3D182K15FF1	
	2200	15.0	5.0	10.0	0.60	EKR3D222K15FF1	
	2700	17.0	5.0	10.0	0.60	EKR3D272K17FF1	
3300	18.0	5.0	10.0	0.60	EKR3D332K18FF1		

Note : Lead wire type can be change from FF to FK or Bulk Type (BW, BS, etc).



# Specification Table DCC (DC High Voltage)

## Y5R (EKR)

R.V	Capacitance (pF)	Dimension (mm)				Samwha Part No.	Marking
	R(Y5R )	Dmax	Tmax	F ± 1.0	Ød ± 0.05		
3.15kV DC	150	7.0	6.0	5.0/7.5	0.50/0.60	EKR3F151K07FF7	 6.3≤D≤9.0      D≥10.0
	180	7.0	6.0	5.0/7.5	0.50/0.60	EKR3F181K07FF7	
	220	7.0	6.0	5.0/7.5	0.50/0.60	EKR3F221K07FF7	
	270	7.0	6.0	5.0/7.5	0.50/0.60	EKR3F271K07FF7	
	330	8.0	6.0	5.0/7.5	0.50/0.60	EKR3F331K08FF7	
	390	8.0	6.0	5.0/7.5	0.50/0.60	EKR3F391K08FF7	
	470	10.0	6.0	7.5/10.0	0.60	EKR3F471K10FF7	
	560	10.0	6.0	7.5/10.0	0.60	EKR3F561K10FF7	
	680	10.0	6.0	7.5/10.0	0.60	EKR3F681K10FF7	
	820	12.5	6.0	7.5/10.0	0.60	EKR3F821K12FF7	
	1000	12.5	6.0	7.5/10.0	0.60	EKR3F102K12FF7	
	1200	14.0	6.0	7.5/10.0	0.60	EKR3F122K14FF7	
	1500	14.0	6.0	7.5/10.0	0.60	EKR3F152K14FF7	
	1800	16.0	6.0	10.0	0.60	EKR3F182K16FF1	
	2200	18.0	6.0	10.0	0.60	EKR3F222K18FF1	
2700	18.0	6.0	10.0	0.60	EKR3F272K18FF1		
6.3kV DC	150	7.0	6.0	7.5/10.0	0.60	EKR3J151K07FF1	 6.3≤D≤9.0      D≥10.0
	180	7.0	6.0	7.5/10.0	0.60	EKR3J181K07FF1	
	220	7.0	6.0	7.5/10.0	0.60	EKR3J221K07FF1	
	270	7.0	6.0	7.5/10.0	0.60	EKR3J271K07FF1	
	330	8.0	6.0	7.5/10.0	0.60	EKR3J331K08FF1	
	390	8.0	6.0	7.5/10.0	0.60	EKR3J391K08FF1	
	470	10.0	6.0	7.5/10.0	0.60	EKR3J471K10FF1	
	560	10.0	6.0	7.5/10.0	0.60	EKR3J561K10FF1	
	680	10.0	6.0	7.5/10.0	0.60	EKR3J681K10FF1	
	820	12.5	6.0	10.0	0.60	EKR3J821K12FF1	
	1000	12.5	6.0	10.0	0.60	EKR3J102K12FF1	
	1200	14.0	6.0	10.0	0.60	EKR3J122K14FF1	
	1500	14.0	6.0	10.0	0.60	EKR3J152K14FF1	
	1800	16.0	6.0	10.0	0.60	EKR3J182K16FF1	
	2200	18.0	6.0	10.0	0.60	EKR3J222K18FF1	
2700	18.0	6.0	10.0	0.60	EKR3J272K18FF1		


Note : Lead wire type can be change from FF to FK or Bulk Type (BW, BS, etc).

# Specification Table DCC (DC High Voltage) SL (ECO)

R.V	Capacitance (pF)	Dimension (mm)				Samwha Part No.	Marking
	SL	Dmax	Tmax	F ± 1.0	Ød ± 0.05		
1kV DC	10	6.3	5.0	5.0	0.50	ECO3A100K08FF5	 6.3≤D≤9.0  D≥10.0
	12	6.3	5.0	5.0	0.50	ECO3A120K08FF5	
	15	6.3	5.0	5.0	0.50	ECO3A150K08FF5	
	18	6.3	5.0	5.0	0.50	ECO3A180K08FF5	
	20	6.3	5.0	5.0	0.50	ECO3A200K08FF5	
	22	6.3	5.0	5.0	0.50	ECO3A220K08FF5	
	24	6.3	5.0	5.0	0.50	ECO3A240K08FF5	
	27	6.3	5.0	5.0	0.50	ECO3A270K08FF5	
	30	6.3	5.0	5.0	0.50	ECO3A300K08FF5	
	33	6.3	5.0	5.0	0.50	ECO3A330K08FF5	
	39	6.3	5.0	5.0	0.50	ECO3A390K08FF5	
	43	6.3	5.0	5.0	0.50	ECO3A430K08FF5	
	47	6.3	5.0	5.0	0.50	ECO3A470K08FF5	
	51	6.3	5.0	5.0	0.50	ECO3A510K08FF5	
	56	8.0	5.0	5.0	0.50	ECO3A560K08FF5	
	62	8.0	5.0	5.0	0.50	ECO3A620K08FF5	
	68	8.0	5.0	5.0	0.50	ECO3A680K08FF5	
	75	8.0	5.0	5.0	0.50	ECO3A750K08FF5	
	82	8.0	5.0	5.0	0.50	ECO3A820K08FF5	
	91	8.0	5.0	5.0	0.50	ECO3A910K08FF5	
	100	8.0	5.0	5.0	0.50	ECO3A101K08FF5	
	110	9.0	5.0	5.0/7.5	0.50/0.60	ECO3A111K09FF5	
	120	9.0	5.0	5.0/7.5	0.50/0.60	ECO3A121K09FF5	
	150	9.0	5.0	5.0/7.5	0.50/0.60	ECO3A151K09FF5	
	180	10.0	5.0	5.0/7.5	0.50/0.60	ECO3A181K10FF5	
	200	10.0	5.0	5.0/7.5	0.50/0.60	ECO3A201K10FF5	
	220	12.5	5.0	5.0/7.5	0.50/0.60	ECO3A221K12FF7	
	240	12.5	5.0	5.0/7.5	0.50/0.60	ECO3A241K12FF7	
	270	12.5	5.0	5.0/7.5	0.50/0.60	ECO3A271K12FF7	
	300	12.5	5.0	5.0/7.5	0.50/0.60	ECO3A301K12FF7	
330	12.5	5.0	5.0/7.5	0.50/0.60	ECO3A331K12FF7		
390	14.0	5.0	10.0	0.60	ECO3A391K14FF1		
430	14.0	5.0	10.0	0.60	ECO3A431K14FF1		
470	14.0	5.0	10.0	0.60	ECO3A471K14FF1		



Note : Lead wire type can be change from FF to FK or Bulk Type (BW, BS, etc).

# Specification Table DCC (DC High Voltage) SL (ECO)

R.V	Capacitance (pF)	Dimension (mm)				Samwha Part No.	Marking
	SL	Dmax	Tmax	F ± 1.0	Ød ± 0.05		
2kV DC	10	6.3	5.0	5.0/7.5	0.50/0.60	ECO3D100K06FF5	 6.3≤D≤9.0      D≥10.0
	15	6.3	5.0	5.0/7.5	0.50/0.60	ECO3D150K06FF5	
	18	6.3	5.0	5.0/7.5	0.50/0.60	ECO3D180K06FF5	
	20	6.3	5.0	5.0/7.5	0.50/0.60	ECO3D200K06FF5	
	22	6.3	5.0	5.0/7.5	0.50/0.60	ECO3D220K06FF5	
	24	6.3	5.0	5.0/7.5	0.50/0.60	ECO3D240K06FF5	
	27	6.3	5.0	5.0/7.5	0.50/0.60	ECO3D270K06FF5	
	30	6.3	5.0	5.0/7.5	0.50/0.60	ECO3D300K06FF5	
	33	6.3	5.0	5.0/7.5	0.50/0.60	ECO3D330K06FF5	
	36	6.3	5.0	5.0/7.5	0.50/0.60	ECO3D360K06FF5	
	39	6.3	5.0	5.0/7.5	0.50/0.60	ECO3D390K06FF5	
	43	6.3	5.0	5.0/7.5	0.50/0.60	ECO3D430K06FF5	
	47	6.3	5.0	5.0/7.5	0.50/0.60	ECO3D470K06FF5	
	51	8.0	5.0	5.0/7.5/10.0	0.50/0.60	ECO3D510K08FF5	
	56	8.0	5.0	5.0/7.5/10.0	0.50/0.60	ECO3D560K08FF5	
	62	8.0	5.0	5.0/7.5/10.0	0.50/0.60	ECO3D620K08FF5	
	68	8.0	5.0	5.0/7.5/10.0	0.50/0.60	ECO3D680K08FF5	
	75	8.0	5.0	5.0/7.5/10.0	0.50/0.60	ECO3D750K08FF5	
	82	8.0	5.0	5.0/7.5/10.0	0.50/0.60	ECO3D820K08FF5	
	100	8.0	5.0	5.0/7.5/10.0	0.50/0.60	ECO3D101K08FF5	
	120	9.0	5.0	5.0/7.5/10.0	0.50/0.60	ECO3D121K09FF5	
	150	9.0	5.0	5.0/7.5/10.0	0.50/0.60	ECO3D151K09FF5	
	180	11.0	5.0	5.0/7.5/10.0	0.50/0.60	ECO3D181K11FF5	
	200	11.0	5.0	5.0/7.5/10.0	0.50/0.60	ECO3D201K11FF5	
	220	11.0	5.0	5.0/7.5/10.0	0.50/0.60	ECO3D221K11FF5	
	240	12.5	5.0	7.5/10.0	0.60	ECO3D241K12FF7	
	270	12.5	5.0	7.5/10.0	0.60	ECO3D271K12FF7	
	300	13.5	5.0	7.5/10.0	0.60	ECO3D301K13FF7	
	330	13.5	5.0	7.5/10.0	0.60	ECO3D331K13FF7	
	360	13.5	5.0	7.5/10.0	0.60	ECO3D361K13FF7	
390	14.5	5.0	7.5/10.0	0.60	ECO3D391K14FF7		
430	14.5	5.0	7.5/10.0	0.60	ECO3D431K14FF7		
470	14.5	5.0	7.5/10.0	0.60	ECO3D471K14FF7		

Note : Lead wire type can be change from FF to FK or Bulk Type (BW, BS, etc).





# Specification Table DCC (DC High Voltage) SL (ECO)

R.V	Capacitance (pF)	Dimension (mm)				Samwha Part No.	Marking
	SL	Dmax	Tmax	F ± 1.0	Ød ± 0.05		
3.15kV DC	3	8.0	6.0	5.0/7.5	0.50/0.60	ECO3F030K08FF7	
	5	8.0	6.0	5.0/7.5	0.50/0.60	ECO3F050K08FF7	
	6	8.0	6.0	5.0/7.5	0.50/0.60	ECO3F060K08FF7	
	10	8.0	6.0	5.0/7.5	0.50/0.60	ECO3F100K08FF7	
	12	8.0	6.0	5.0/7.5	0.50/0.60	ECO3F120K08FF7	
	15	8.0	6.0	5.0/7.5	0.50/0.60	ECO3F150K08FF7	
	27	8.0	6.0	5.0/7.5	0.50/0.60	ECO3F270K08FF7	
	33	8.0	6.0	5.0/7.5	0.50/0.60	ECO3F330K08FF7	
	82	10.0	6.0	7.5/10.0	0.60	ECO3F820K10FF7	
6.3kV DC	3	8.0	6.0	7.5/10.0	0.60	ECO3J030K08FF1	
	5	8.0	6.0	7.5/10.0	0.60	ECO3J050K08FF1	
	6	8.0	6.0	7.5/10.0	0.60	ECO3J060K08FF1	
	10	9.0	6.0	7.5/10.0	0.60	ECO3J100K09FF1	
	12	9.0	6.0	7.5/10.0	0.60	ECO3J120K09FF1	
	15	9.0	6.0	7.5/10.0	0.60	ECO3J150K09FF1	
	22	9.0	6.0	7.5/10.0	0.60	ECO3J220K09FF1	
	27	9.0	6.0	7.5/10.0	0.60	ECO3J270K09FF1	
	33	9.0	6.0	7.5/10.0	0.60	ECO3J330K09FF1	
	39	9.5	6.0	7.5/10.0	0.60	ECO3J390K09FF1	
	54	10.0	6.0	7.5/10.0	0.60	ECO3J540K10FF1	
	100	13.0	6.0	10.0	0.60	ECO3J101K13FF1	
	120	14.0	6.0	10.0	0.60	ECO3J121K14FF1	
	150	15.0	6.0	10.0	0.60	ECO3J151K15FF1	

Note : Lead wire type can be change from FF to FK or Bulk Type (BW, BS, etc).



# Specification Table DCC (Y-CAP)

Type	Temp char.	Capacitance	Size				Samwha Part No.	Marking	
		(pF)	Dmax	Tmax	F (±1.0)	∅d(±0.05)			
SC	B	100	8.0	6.0	7.5 / 10.0	0.60	SCB2E101K08FF7		
		150	8.0	6.0	7.5 / 10.0	0.60	SCB2E151K08FF7		
		220	8.0	6.0	7.5 / 10.0	0.60	SCB2E221K08FF7		
		330	8.0	6.0	7.5 / 10.0	0.60	SCB2E331K08FF7		
		390	8.0	6.0	7.5 / 10.0	0.60	SCB2E391K08FF7		
		470	8.0	6.0	7.5 / 10.0	0.60	SCB2E471K08FF7		
		560	8.0	6.0	7.5 / 10.0	0.60	SCB2E561K08FF7		
		680	9.0	6.0	7.5 / 10.0	0.60	SCB2E681K09FF7		
		820	10.0	6.0	7.5 / 10.0	0.60	SCB2E821K10FF7		
		1000	10.0	6.0	7.5 / 10.0	0.60	SCB2E102K10FF7		
	E	1000	7.0	6.0	7.5 / 10.0	0.60	SCE2E102M07FF7		
		1500	9.0	6.0	7.5 / 10.0	0.60	SCE2E152M09FF7		
		1800	10.0	6.0	7.5 / 10.0	0.60	SCE2E182M10FF7		
		2200	10.0	6.0	7.5 / 10.0	0.60	SCE2E222M10FF7		
		3300	12.5	6.0	7.5 / 10.0	0.60	SCE2E332M12FF7		
		3900	13.0	6.0	7.5 / 10.0	0.60	SCE2E392M13FF7		
		4700	14.0	6.0	7.5 / 10.0	0.60	SCE2E472M14FF7		
	F	3300	9.0	6.0	7.5 / 10.0	0.60	SCF2E332M09FF7		
		4700	10.0	6.0	7.5 / 10.0	0.60	SCF2E472M10FF7		
		6800	11.0	6.0	7.5 / 10.0	0.60	SCF2E682M11FF7		
		10000	14.0	6.0	7.5 / 10.0	0.60	SCF2E103M14FF8		
	O(=SL)	10	9.0	6.0	7.5 / 10.0	0.60	SCO2E100K09FF7		
		22	9.0	6.0	7.5 / 10.0	0.60	SCO2E220K09FF7		
		33	9.0	6.0	7.5 / 10.0	0.60	SCO2E330K09FF7		
		47	9.0	6.0	7.5 / 10.0	0.60	SCO2E470K09FF7		
		56	10.0	6.0	7.5 / 10.0	0.60	SCO2E560K10FF7		
		68	11.0	6.0	7.5 / 10.0	0.60	SCO2E680K11FF7		
SD	B	100	10.0	7.0	10.0	0.60	SDB2G101K08FF1		
		150	10.0	7.0	10.0	0.60	SDB2G151K08FF1		
		220	10.0	7.0	10.0	0.60	SDB2G221K08FF1		
		330	10.0	7.0	10.0	0.60	SDB2G331K08FF1		
		390	10.0	7.0	10.0	0.60	SDB2G391K08FF1		
		470	10.0	7.0	10.0	0.60	SDB2G471K08FF1		
		560	10.0	7.0	10.0	0.60	SDB2G561K09FF1		
		680	10.0	7.0	10.0	0.60	SDB2G681K10FF1		
	E	1000	8.0	7.0	10.0	0.60	SDE2G102M08FF1		
		1500	9.0	7.0	10.0	0.60	SDE2G152M09FF1		
		2200	12.5	7.0	10.0	0.60	SDE2G222M12FF1		
		3300	14.0	7.0	10.0	0.60	SDE2G332M14FF1		
		3900	15.0	7.0	10.0	0.60	SDE2G392M15FF1		
		4700	15.0	7.0	10.0	0.60	SDE2G472M15FF1		
	O(=SL)	10	9.5	6.0	10.0	0.60	SDO2G100K09FF1		
		22	9.5	6.0	10.0	0.60	SDO2G220K09FF1		
		33	9.5	6.0	10.0	0.60	SDO2G330K09FF1		
		47	9.5	6.0	10.0	0.60	SDO2G470K09FF1		
		56	10.5	6.0	10.0	0.60	SDO2G560K10FF1		
		68	11.5	6.0	10.0	0.60	SDO2G680K11FF1		

Note : Lead wire type can be change from FF to FK or Bulk Type (BW, BS, etc).

# Specification Table DCC (DC Ultra High Voltage)

## 10kVDC

TCC	SAMWHA SPEC CODE	Cap.	TOL.	D	T	F	WIRE SIZE ORDERING	Size code
		(pF)	(%)	Dmax (mm)	Tmax (mm)	mm	mm	
B(Y5P) -25~85°C ±10%	EKB4A101K10DS1	100	±10%	10.5	8.5	10±2.0	0.80±0.05	10
	EKB4A151K10DS1	150	±10%	10.5	8.5	10±2.0	0.80±0.05	10
	EKB4A221K10DS1	220	±10%	10.5	8.5	10±2.0	0.80±0.05	10
	EKB4A271K11DS1	270	±10%	11.5	8.5	10±2.0	0.80±0.05	11
	EKB4A331K12DS1	330	±10%	12.5	8.5	10±2.0	0.80±0.05	12
	EKB4A471K14DS1	470	±10%	14.5	8.5	10±2.0	0.80±0.05	14
	EKB4A561K14DS1	560	±10%	14.5	8.5	10±2.0	0.80±0.05	14
	EKB4A681K14DS1	680	±10%	14.5	8.5	10±2.0	0.80±0.05	14
	EKB4A102K16DS1	1000	±10%	16.5	8.5	10±2.0	0.80±0.05	16
E(Y5U) -25~85°C +22~-56%	EKB4A222M18DS1	2000	±20%	18.5	8.5	10±2.0	0.80±0.05	18
	EKE4A102M11DS1	1000	±20%	11.5	9.0	10±2.0	0.80±0.05	11
	EKE4A202M14DS1	2000	±20%	14.5	9.0	10±2.0	0.80±0.05	14
	EKE4A222M15DS1	2200	±20%	15.5	9.0	10±2.0	0.80±0.05	15
	EKE4A332M20DS1	3300	±20%	20.5	9.0	10±2.0	0.80±0.05	20
F(Y5V) -25~85°C +22~-82%	EKE4A472M22DS1	4700	±20%	22.5	9.0	10±2.0	0.80±0.05	22
	EKF4A102M10DS1	1000	±20%	10.5	9.0	10±2.0	0.80±0.05	10
	EKF4A202M12DS1	2000	±20%	12.5	9.0	10±2.0	0.80±0.05	12
	EKF4A222M13DS1	2200	±20%	13.5	9.0	10±2.0	0.80±0.05	13
	EKF4A332M15DS1	3300	±20%	15.5	9.0	10±2.0	0.80±0.05	15
	EKF4A472M18DS1	4700	±20%	18.5	9.0	10±2.0	0.80±0.05	18
	EKF4A102Z10DS1	1000	+80~-20%	10.5	9.0	10±2.0	0.80±0.05	10
	EKF4A202Z12DS1	2000	+80~-20%	12.5	9.0	10±2.0	0.80±0.05	12
	EKF4A222Z13DS1	2200	+80~-20%	13.5	9.0	10±2.0	0.80±0.05	13
SL +20~85°C +350~-1000p pm	EKF4A332Z15DS1	3300	+80~-20%	15.5	9.0	10±2.0	0.80±0.05	15
	EKF4A472Z18DS1	4700	+80~-20%	18.5	9.0	10±2.0	0.80±0.05	18
	ECO4A100K09DS1	10	±10%	9.5	8.5	10±2.0	0.80±0.05	9
	ECO4A150K09DS1	15	±10%	9.5	8.5	10±2.0	0.80±0.05	9
	ECO4A200K09DS1	20	±10%	9.5	8.5	10±2.0	0.80±0.05	9
	ECO4A220K10DS1	22	±10%	10.5	8.5	10±2.0	0.80±0.05	10
	ECO4A270K10DS1	27	±10%	10.5	8.5	10±2.0	0.80±0.05	10
	ECO4A330K11DS1	33	±10%	11.5	8.5	10±2.0	0.80±0.05	11
	ECO4A470K12DS1	47	±10%	12.5	8.5	10±2.0	0.80±0.05	12
R(Y5R) -25~85°C ±15%	ECO4A560K13DS1	56	±10%	13.5	8.5	10±2.0	0.80±0.05	13
	ECO4A680K14DS1	68	±10%	14.5	8.5	10±2.0	0.80±0.05	14
	ECO4A820K16DS1	82	±10%	16.5	8.5	10±2.0	0.80±0.05	16
	ECO4A101K18DS1	100	±10%	18.5	8.5	10±2.0	0.80±0.05	18
	EKR4A101K09DS1	100	±10%	9.5	8.5	10±2.0	0.80±0.05	9
	EKR4A151K09DS1	150	±10%	9.5	8.5	10±2.0	0.80±0.05	9
	EKR4A221K10DS1	220	±10%	10.5	8.5	10±2.0	0.80±0.05	10
N (N4700) +20~85°C 4700±1000	EKR4A331K12DS1	330	±10%	12.5	8.5	10±2.0	0.80±0.05	12
	EKR4A471K14DS1	470	±10%	14.5	8.5	10±2.0	0.80±0.05	14
	EKR4A681K14DS1	680	±10%	14.5	8.5	10±2.0	0.80±0.05	14
	EKR4A102K17DS1	1000	±10%	17.5	8.5	10±2.0	0.80±0.05	17
	ECN4A101K08DS1	100	±10%	8.5	7.0	10±2.0	0.80±0.05	8
	ECN4A151K08DS1	150	±10%	8.5	7.0	10±2.0	0.80±0.05	8
ECN4A221K09DS1	220	±10%	9.5	7.0	10±2.0	0.80±0.05	9	
ECN4A331K10DS1	330	±10%	10.5	7.0	10±2.0	0.80±0.05	10	
ECN4A471K12DS1	470	±10%	12.5	7.0	10±2.0	0.80±0.05	12	
ECN4A681K13DS1	680	±10%	13.5	7.0	10±2.0	0.80±0.05	13	
ECN4A102K16DS1	1000	±10%	16.5	7.0	10±2.0	0.80±0.05	16	

Note : Lead wire type can be change from DS to BS

# Specification Table DCC (DC Ultra High Voltage)

## 15kVDC

TCC	SAMWHA SPEC CODE	Cap.	TOL.	D	T	F	WIRE SIZE ORDERING	Size code
		(pF)	(%)	Dmax (mm)	Tmax (mm)	mm	mm	
B(Y5P) -25~85°C ±10%	EKB4C101K10DS2	100	±10%	10.5	10.0	12.5±2.0	0.80±0.05	10
	EKB4C151K10DS2	150	±10%	10.5	10.0	12.5±2.0	0.80±0.05	10
	EKB4C221K11DS2	220	±10%	11.5	10.0	12.5±2.0	0.80±0.05	11
	EKB4C271K11DS2	270	±10%	11.5	10.0	12.5±2.0	0.80±0.05	11
	EKB4C331K12DS2	330	±10%	12.5	10.0	12.5±2.0	0.80±0.05	12
	EKB4C471K14DS2	470	±10%	14.5	10.0	12.5±2.0	0.80±0.05	14
	EKB4C561K14DS2	560	±10%	14.5	10.0	12.5±2.0	0.80±0.05	14
	EKB4C681K17DS2	680	±10%	17.5	10.0	12.5±2.0	0.80±0.05	17
EKB4C102K18DS2	1000	±10%	18.5	10.0	12.5±2.0	0.80±0.05	18	
E(Y5U) -25~85°C +22~-56%	EKE4C102M11DS2 EKE4C102M15DS2	1000	±20%	11.5/15.5	10.0	12.5±2.0	0.80±0.05	11/15
	EKE4C202M15DS2	2000	±20%	15.5	10.0	12.5±2.0	0.80±0.05	15
	EKE4C222M16DS2	2200	±20%	16.5	10.0	12.5±2.0	0.80±0.05	16
	EKE4C242M17DS2	2400	±20%	17.5	10.0	12.5±2.0	0.80±0.05	17
	EKE4C332M20DS2	3300	±20%	20.5	10.0	12.5±2.0	0.80±0.05	20
Y5V -25~85°C +22~-82%	EKF4C472M23DS2	4700	±20%	23.5	10.0	12.5±2.0	0.80±0.05	23
	EKF4C102M11DS2	1000	±20%	11.5	10.0	12.5±2.0	0.80±0.05	11
	EKF4C202M14DS2	2000	±20%	14.5	10.0	12.5±2.0	0.80±0.05	14
	EKF4C222M16DS2	2200	±20%	16.5	10.0	12.5±2.0	0.80±0.05	16
	EKF4C332M17DS2	3300	±20%	17.5	10.0	12.5±2.0	0.80±0.05	17
	EKF4C472M20DS2	4700	±20%	20.5	10.0	12.5±2.0	0.80±0.05	20
	EKF4C102Z11DS2	1000	+80~-20%	11.5	10.0	12.5±2.0	0.80±0.05	11
	EKF4C202Z14DS2	2000	+80~-20%	14.5	10.0	12.5±2.0	0.80±0.05	14
	EKF4C222Z16DS2	2200	+80~-20%	16.5	10.0	12.5±2.0	0.80±0.05	16
SL +20~85°C +350~-1000p pm	EKO4C332Z17DS2	3300	+80~-20%	17.5	10.0	12.5±2.0	0.80±0.05	17
	EKO4C472Z20DS2	4700	+80~-20%	20.5	10.0	12.5±2.0	0.80±0.05	20
	ECO4C120K10DS2	12	±10%	10.5	9.0	12.5±2.0	0.80±0.05	10
	ECO4C150K10DS2	15	±10%	10.5	9.0	12.5±2.0	0.80±0.05	10
	ECO4C200K10DS2	20	±10%	10.5	9.0	12.5±2.0	0.80±0.05	10
	ECO4C220K10DS2	22	±10%	10.5	9.0	12.5±2.0	0.80±0.05	10
	ECO4C270K11DS2	27	±10%	11.5	9.0	12.5±2.0	0.80±0.05	11
	ECO4C330K12DS2	33	±10%	12.5	9.0	12.5±2.0	0.80±0.05	12
	ECO4C470K13DS2	47	±10%	13.5	9.0	12.5±2.0	0.80±0.05	13
R(Y5R) -25~85°C ±15%	ECO4C460K14DS2	56	±10%	14.5	9.0	12.5±2.0	0.80±0.05	14
	ECO4C680K16DS2	68	±10%	16.5	9.0	12.5±2.0	0.80±0.05	16
	ECO4C820K17DS2	82	±10%	17.5	9.0	12.5±2.0	0.80±0.05	17
	EKR4C101K10DS2	100	±10%	10.5	9.0	12.5±2.0	0.80±0.05	10
	EKR4C151K10DS2	150	±10%	10.5	9.0	12.5±2.0	0.80±0.05	10
	EKR4C221K11DS2	220	±10%	11.5	9.0	12.5±2.0	0.80±0.05	11
	EKR4C331K14DS2	330	±10%	14.5	9.0	12.5±2.0	0.80±0.05	14
EKR4C471K14DS2	470	±10%	14.5	9.0	12.5±2.0	0.80±0.05	14	
N (N4700) +20~85°C 4700±1000	EKR4C681K17DS2	680	±10%	17.5	9.0	12.5±2.0	0.80±0.05	17
	EKR4C102K20DS2 EKR4C102K24DS2	1000	±20%	20.5 / 24.5	9.0	12.5±2.0	0.80±0.05	20 / 24
	ECN4C101K08DS1	100	±10%	8.5	9.0	10.0±2.0	0.80±0.05	8
	ECN4C151K09DS1	150	±10%	9.5	9.0	10.0±2.0	0.80±0.05	9
	ECN4C221K12DS1	220	±10%	12.5	9.0	10.0±2.0	0.80±0.05	12
	ECN4C331K14DS1	330	±10%	14.5	9.0	10.0±2.0	0.80±0.05	14
	ECN4C471K15DS1	470	±10%	15.5	9.0	10.0±2.0	0.80±0.05	15
ECN4C681K15DS1	680	±10%	15.5	9.0	10.0±2.0	0.80±0.05	15	
ECN4C102K18DS2	1000	±10%	18.5/21.5	10.0	12.5±2.0	0.80±0.05	18/21	

Note : Lead wire type can be change from DS to BS

## Specification Table DCC (DC Ultra High Voltage)

### 20kVDC

TCC	SAMWHA SPEC CODE	Cap.	TOL.	D	T	F	WIRE SIZE ORDERING	Size Code
		(pF)	(%)	Dmax (mm)	Tmax (mm)	mm	mm	
E(Y5U) -25~85°C +22~-56%	EKE4D222K19DS3	2200	±20%	19.5	10.0	15±2.0	0.80±0.05	19
SL +20~85°C +350~-1000p pm	ECO4D150K12DS3	15	±10%	12.5	10.0	15±2.0	0.80±0.05	12
	ECO4D200K12DS3	20	±10%	12.5	10.0	15±2.0	0.80±0.05	12
	ECO4D220K12DS3	22	±10%	12.5	10.0	15±2.0	0.80±0.05	12
	ECO4D270K12DS3	27	±10%	12.5	10.0	15±2.0	0.80±0.05	12
	ECO4D330K13DS3	33	±10%	13.5	10.0	15±2.0	0.80±0.05	13
	ECO4D470K13DS3	47	±10%	13.5	10.0	15±2.0	0.80±0.05	13
	ECO4D560K15DS3	56	±10%	15.5	10.0	15±2.0	0.80±0.05	15
	ECO4D680K17DS3	68	±10%	17.5	10.0	15±2.0	0.80±0.05	17
	ECO4D820K18DS3	82	±10%	18.5	10.0	15±2.0	0.80±0.05	18

Note : Lead wire type can be change from DS to BS