

Characteristic parameters

Rated voltage:1KV DC

Type	Rated voltage	temperature characteristic	electrostatic capacity(pF)	Tolerance	Size(mm)			
					D(max)	F±1.0	T(max)	d*±0.05
HGK3AB101○□□□□	1KV DC	B/Y5P	100	K,M	7.0	5.0	4.0	0.5
HGK3AB121○□□□□			120		7.0	5.0	4.0	0.5
HGK3AB151○□□□□			150		7.0	5.0	4.0	0.5
HGK3AB181○□□□□			180		7.0	5.0	4.0	0.5
HGK3AB221○□□□□			220		7.0	5.0	4.0	0.5
HGK3AB271○□□□□			270		7.0	5.0	4.0	0.5
HGK3AB331○□□□□			330		7.0	5.0	4.0	0.5
HGK3AB391○□□□□			390		7.0	5.0	4.0	0.5
HGK3AB471○□□□□			470		7.0	5.0	4.0	0.5
HGK3AB561○□□□□			560		7.0	5.0	4.0	0.5
HGK3AB681○□□□□			680		7.0	5.0	4.0	0.5
HGK3AB821○□□□□			820		7.0	5.0	4.0	0.5
HGK3AB102○□□□□			1000		7.0	5.0	4.0	0.5
HGK3AB122○□□□□			1200		7.0	5.0	4.0	0.5
HGK3AB152○□□□□			1500		8.0	5.0	4.0	0.5
HGK3AB182○□□□□			1800		9.0	5.0	4.0	0.5
HGK3AB222○□□□□			2200		9.0	5.0	4.0	0.5
HGK3AB272○□□□□			2700		10.0	5.0	4.0	0.5
HGK3AB332○□□□□			3300		11.0	5.0	4.0	0.5
HGK3AB392○□□□□			3900		12.0	7.5	4.0	0.5
HGK3AB472○□□□□			4700		13.0	7.5	4.0	0.5
HGK3AB562○□□□□			5600		14.0	7.5	4.0	0.55
HGK3AB682○□□□□			6800		15.0	7.5	4.0	0.55
HGK3AB822○□□□□			8200		17.0	7.5	4.0	0.55
HGK3AB103○□□□□			10000		18.0	10.0	4.0	0.55
HGK3AE102○□□□□	1KV DC	E/Y5U	1000	M,Z	7.0	5.0	4.0	0.5
HGK3AE122○□□□□			1200		7.0	5.0	4.0	0.5
HGK3AE152○□□□□			1500		7.0	5.0	4.0	0.5
HGK3AE182○□□□□			1800		7.0	5.0	4.0	0.5
HGK3AE222○□□□□			2200		7.0	5.0	4.0	0.5
HGK3AE272○□□□□			2700		8.0	5.0	4.0	0.5
HGK3AE332○□□□□			3300		8.0	5.0	4.0	0.5
HGK3AE392○□□□□			3900		9.0	5.0	4.0	0.5
HGK3AE472○□□□□			4700		10.0	5.0	4.0	0.5
HGK3AE562○□□□□			5600		10.0	5.0	4.0	0.55
HGK3AE682○□□□□			6800		11.0	7.5	4.0	0.55
HGK3AE103○□□□□			10000		12.0	7.5	4.0	0.55
HGK3AE203○□□□□			20000		14.0	7.5	4.0	0.55
HGK3AE223○□□□□			22000		18.0	7.5	4.0	0.55
HGK3AF102○□□□□	1KV DC	F/Y5V	1000	M,Z	6.5	5.0	4.0	0.5
HGK3AF122○□□□□			1200		6.5	5.0	4.0	0.5
HGK3AF152○□□□□			1500		6.5	5.0	4.0	0.5
HGK3AF182○□□□□			1800		6.5	5.0	4.0	0.5
HGK3AF222○□□□□			2200		6.5	5.0	4.0	0.5
HGK3AF272○□□□□			2700		6.5	5.0	4.0	0.5
HGK3AF332○□□□□			3300		7.0	5.0	4.0	0.5
HGK3AF392○□□□□			3900		8.0	5.0	4.0	0.5
HGK3AF472○□□□□			4700		8.0	5.0	4.0	0.5
HGK3AF562○□□□□			5600		8.0	5.0	4.0	0.5
HGK3AF682○□□□□			6800		9.5	5.0	4.0	0.5
HGK3AF103○□□□□			10000		10.0	7.5	4.0	0.5
HGK3AF203○□□□□			20000		14.0	7.5	4.0	0.55
HGK3AF223○□□□□			22000		14.0	7.5	4.0	0.55
HGK3AF303○□□□□			30000		17.0	10.0	4.0	0.55
HGK3AF333○□□□□			33000		17.0	10.0	4.0	0.55

Note

□ Packing code: B(Bulk Single Product), A(Folding Tape), R(Reel Tape)

□ Pin spacing code

□ Pin shape code

○ Tolerance: K($\pm 10\%$), M($\pm 20\%$), Z($-20\% \sim +80\%$)

Rated voltage:2KV DC

Type	Rated voltage	Temperature characteristic	Electrostatic capacity(pF)	Tolerance	Size(mm)			
					D(max)	F±1.0	T(max)	d*±0.05
HGK3DB101◇□□□	2KV DC	B/Y5P	100	K,M	7.0	5.0	5.0	0.55
HGK3DB121◇□□□			120		7.0	5.0	5.0	0.55
HGK3DB151◇□□□			150		7.0	5.0	5.0	0.55
HGK3DB181◇□□□			180		7.0	5.0	5.0	0.55
HGK3DB221◇□□□			220		7.0	5.0	5.0	0.55
HGK3DB271◇□□□			270		7.0	5.0	5.0	0.55
HGK3DB331◇□□□			330		7.0	5.0	5.0	0.55
HGK3DB391◇□□□			390		7.0	5.0	5.0	0.55
HGK3DB471◇□□□			470		7.0	5.0	5.0	0.55
HGK3DB561◇□□□			560		8.0	5.0	5.0	0.55
HGK3DB681◇□□□			680		8.0	5.0	5.0	0.55
HGK3DB821◇□□□			820		8.0	5.0	5.0	0.55
HGK3DB102◇□□□			1000		9.0	5.0	5.0	0.55
HGK3DB122◇□□□			1200		9.0	5.0	5.0	0.55
HGK3DB152◇□□□			1500		10.0	7.5	5.0	0.55
HGK3DB182◇□□□			1800		11.0	7.5	5.0	0.55
HGK3DB222◇□□□			2200		11.0	7.5	5.0	0.55
HGK3DB272◇□□□			2700		13.0	10.0	5.0	0.55
HGK3DB332◇□□□			3300		14.5	10.0	5.0	0.55
HGK3DB392◇□□□			3900		15.0	10.0	5.0	0.55
HGK3DB472◇□□□			4700		17.0	10.0	5.0	0.55
HGK3DE102◇□□□	2KV DC	E/Y5U	1000	M,Z	7.0	5.0	5.0	0.55
HGK3DE122◇□□□			1200		7.0	5.0	5.0	0.55
HGK3DE152◇□□□			1500		8.0	5.0	5.0	0.55
HGK3DE182◇□□□			1800		8.0	5.0	5.0	0.55
HGK3DE222◇□□□			2200		8.0	7.5	5.0	0.55
HGK3DE272◇□□□			2700		10.0	7.5	5.0	0.55
HGK3DE332◇□□□			3300		10.0	7.5	5.0	0.55
HGK3DE392◇□□□			3900		11.0	7.5	5.0	0.55
HGK3DE472◇□□□			4700		11.0	7.5	5.0	0.55
HGK3DE562◇□□□			5600		14.0	10.0	5.0	0.55
HGK3DE682◇□□□			6800		15.0	10.0	5.0	0.55
HGK3DE103◇□□□			10000		18.0	10.0	5.0	0.55
HGK3DF102◇□□□	2KV DC	F/Y5V	1000	M,Z	7.0	5.0	5.0	0.55
HGK3DF152◇□□□			1500		7.0	5.0	5.0	0.55
HGK3DF182◇□□□			1800		7.0	5.0	5.0	0.55
HGK3DF222◇□□□			2200		7.0	5.0	5.0	0.55
HGK3DF332◇□□□			3300		8.0	7.5	5.0	0.55
HGK3DF392◇□□□			3900		9.0	7.5	5.0	0.55
HGK3DF472◇□□□			4700		10.0	7.5	5.0	0.55
HGK3DF682◇□□□			6800		11.0	7.5	5.0	0.55
HGK3DF103◇□□□			10000		13.0	10.0	5.0	0.55
HGK3DF203◇□□□			20000		18.0	10.0	5.0	0.55
HGK3DF223◇□□□			22000		18.0	10.0	5.0	0.55

Note

□ Packing code: B(Bulk Single Product), A(Folding Tape), R(Reel Tape)

□ Pin spacing code

□ Pin shape code

○ Tolerance: K(±10%), M(±20%), Z(-20%~+80%)

Rated voltage:3KV DC

Type	Rated voltage	Temperature characteristic	Electrostatic capacity(pF)	Tolerance	Size(mm)			
					D(max)	F±1.0	T(max)	d*±0.05
HGK3FB101○□□□	3KV DC	B/Y5P	100	K,M	8.0	7.5	6.0	0.55
HGK3FB121○□□□			120		8.0	7.5	6.0	0.55
HGK3FB151○□□□			150		8.0	7.5	6.0	0.55
HGK3FB181○□□□			180		8.0	7.5	6.0	0.55
HGK3FB221○□□□			220		8.0	7.5	6.0	0.55
HGK3FB271○□□□			270		8.0	7.5	6.0	0.55
HGK3FB331○□□□			330		8.0	7.5	6.0	0.55
HGK3FB391○□□□			390		8.0	7.5	6.0	0.55
HGK3FB471○□□□			470		8.0	7.5	6.0	0.55
HGK3FB561○□□□			560		8.0	7.5	6.0	0.55
HGK3FB681○□□□			680		9.0	7.5	6.0	0.55
HGK3FB821○□□□			820		10.0	7.5	6.0	0.55
HGK3FB102○□□□			1000		11.0	7.5	6.0	0.55
HGK3FB122○□□□			1200		11.0	7.5	6.0	0.55
HGK3FB152○□□□			1500		12.0	10.0	6.0	0.55
HGK3FB182○□□□			1800		13.0	10.0	6.0	0.55
HGK3FB222○□□□			2200		14.0	10.0	6.0	0.55
HGK3FB272○□□□			2700		15.0	10.0	6.0	0.55
HGK3FB332○□□□			3300		17.0	10.0	6.0	0.55
HGK3FB392○□□□			3900		18.0	10.0	6.0	0.55
HGK3FB472○□□□			4700		19.0	10.0	6.0	0.55
HGK3FE102○□□□	3KV DC	E/Y5U	1000	M,Z	8.0	7.5	6.0	0.55
HGK3FE122○□□□			1200		9.0	7.5	6.0	0.55
HGK3FE152○□□□			1500		9.0	7.5	6.0	0.55
HGK3FE182○□□□			1800		9.0	7.5	6.0	0.55
HGK3FE222○□□□			2200		10.0	7.5	6.0	0.55
HGK3FE272○□□□			2700		10.0	7.5	6.0	0.55
HGK3FE332○□□□			3300		11.0	7.5	6.0	0.55
HGK3FE392○□□□			3900		12.0	7.5	6.0	0.55
HGK3FE472○□□□			4700		13.0	7.5	6.0	0.55
HGK3FE562○□□□			5600		15.0	10.0	6.0	0.55
HGK3FE682○□□□			6800		16.0	10.0	6.0	0.55
HGK3FE103○□□□			10000		19.0	10.0	6.0	0.55
HGK3FF102○□□□	3KV DC	F/Y5V	1000	M,Z	8.0	7.5	6.0	0.55
HGK3FF152○□□□			1500		8.0	7.5	6.0	0.55
HGK3FF182○□□□			1800		8.0	7.5	6.0	0.55
HGK3FF222○□□□			2200		8.0	7.5	6.0	0.55
HGK3FF332○□□□			3300		9.0	7.5	6.0	0.55
HGK3FF392○□□□			3900		11.0	7.5	6.0	0.55
HGK3FF472○□□□			4700		11.0	7.5	6.0	0.55
HGK3FF682○□□□			6800		12.0	10.0	6.0	0.55
HGK3FF103○□□□			10000		15.0	10.0	6.0	0.55
HGK3FF223○□□□			22000		21.0	10.0	6.0	0.55

Note

□ Packing code: B(Bulk Single Product), A(Folding Tape), R(Reel Tape)

□ Pin spacing code

□ Pin shape code

○ Tolerance: K(±10%), M(±20%), Z(-20%~+80%)

Rated voltage:1KV DC / 2KV DC X7R

Type	Rated voltage	temperature characteristics	electrostatic capacity(pF)	Tolerance	Size(mm)			
					D(max)	F±1.0	T(max)	d*±0.05
HGK3AX101○□□□	1KV DC	X/X7R	100	K	7.0	5.0	4.0	0.5
HGK3AX121○□□□			120		7.0	5.0	4.0	0.5
HGK3AX151○□□□			150		7.0	5.0	4.0	0.5
HGK3AX181○□□□			180		7.0	5.0	4.0	0.5
HGK3AX221○□□□			220		7.0	5.0	4.0	0.5
HGK3AX271○□□□			270		7.0	5.0	4.0	0.5
HGK3AX331○□□□			330		7.0	5.0	4.0	0.5
HGK3AX391○□□□			390		7.0	5.0	4.0	0.5
HGK3AX471○□□□			470		7.0	5.0	4.0	0.5
HGK3AX561○□□□			560		7.0	5.0	4.0	0.5
HGK3AX681○□□□			680		7.0	5.0	4.0	0.5
HGK3AX821○□□□			820		7.0	5.0	4.0	0.5
HGK3AX102○□□□			1000		7.0	5.0	4.0	0.5
HGK3AX122○□□□			1200		7.0	5.0	4.0	0.5
HGK3AX152○□□□			1500		8.0	5.0	4.0	0.5
HGK3AX182○□□□			1800		9.0	5.0	4.0	0.5
HGK3AX222○□□□			2200		9.0	5.0	4.0	0.5
HGK3AX272○□□□			2700		10.0	5.0	4.0	0.5
HGK3AX332○□□□			3300		11.0	5.0	4.0	0.5
HGK3AX392○□□□			3900		12.0	7.5	4.0	0.55
HGK3AX472○□□□			4700		13.0	7.5	4.0	0.55
HGK3AX562○□□□			5600		14.0	7.5	4.0	0.55
HGK3AX682○□□□			6800		15.5	7.5	4.0	0.55
HGK3AX822○□□□			8200		17.0	7.5	4.0	0.55
HGK3AX103○□□□			10000		18.0	10.0	4.0	0.55
HGK3DX101○□□□	2KV DC	X/X7R	100	K	7.0	5.0	4.0	0.55
HGK3DX121○□□□			120		7.0	5.0	4.0	0.55
HGK3DX151○□□□			150		7.0	5.0	4.0	0.55
HGK3DX181○□□□			180		7.0	5.0	4.0	0.55
HGK3DX221○□□□			220		7.0	5.0	4.0	0.55
HGK3DX271○□□□			270		7.0	5.0	4.0	0.55
HGK3DX331○□□□			330		7.0	5.0	4.0	0.55
HGK3DX391○□□□			390		7.0	5.0	4.0	0.55
HGK3DX471○□□□			470		7.0	5.0	4.0	0.55
HGK3DX561○□□□			560		7.0	5.0	4.0	0.55
HGK3DX681○□□□			680		8.0	5.0	4.0	0.55
HGK3DX821○□□□			820		8.0	5.0	4.0	0.55
HGK3DX102○□□□			1000		9.0	5.0	4.0	0.55
HGK3DX122○□□□			1200		9.0	5.0	4.0	0.55
HGK3DX152○□□□			1500		10.0	5.0	4.0	0.55
HGK3DX182○□□□			1800		11.0	5.0	4.0	0.55
HGK3DX222○□□□			2200		11.0	5.0	4.0	0.55
HGK3DX272○□□□			2700		13.0	5.0	4.0	0.55
HGK3DX332○□□□			3300		13.0	5.0	4.0	0.55
HGK3DX392○□□□			3900		15.0	7.5	4.0	0.55
HGK3DX472○□□□			4700		17.0	7.5	4.0	0.55

Note

□ Packing code:B(Bulk Single Product),A(Folding Tape),R(Reel Tape)

□ Pin spacing code

□ Pin shape code

○ Tolerance:K(±10%)

Rated voltage:3KV DC X7R

Type	Rated voltage	temperature characteristic	electrostatic capacity(pF)	Tolerance	Size(mm)			
					D(max)	F±1.0	T(max)	d*±0.05
HGK3FX101○□□□	3KV DC	X/X7R	100	K	8.0	7.5	6.0	0.55
HGK3FX121○□□□			120		8.0	7.5	6.0	0.55
HGK3FX151○□□□			150		8.0	7.5	6.0	0.55
HGK3FX181○□□□			180		8.0	7.5	6.0	0.55
HGK3FX221○□□□			220		8.0	7.5	6.0	0.55
HGK3FX271○□□□			270		8.0	7.5	6.0	0.55
HGK3FX331○□□□			330		8.0	7.5	6.0	0.55
HGK3FX391○□□□			390		8.0	7.5	6.0	0.55
HGK3FX471○□□□			470		8.0	7.5	6.0	0.55
HGK3FX561○□□□			560		9.0	7.5	6.0	0.55
HGK3FX681○□□□			680		9.0	7.5	6.0	0.55
HGK3FX821○□□□			820		10.0	7.5	6.0	0.55
HGK3FX102○□□□			1000		11.0	7.5	6.0	0.55
HGK3FX122○□□□			1200		11.0	7.5	6.0	0.55
HGK3FX152○□□□			1500		12.0	7.5	6.0	0.55
HGK3FX182○□□□			1800		13.0	7.5	6.0	0.55
HGK3FX222○□□□			2200		14.0	7.5	6.0	0.55
HGK3FX272○□□□			2700		15.0	7.5	6.0	0.55
HGK3FX332○□□□			3300		17.0	10.0	6.0	0.55
HGK3FX392○□□□			3900		18.0	10.0	6.0	0.55
HGK3FX472○□□□			4700		19.0	10.0	6.0	0.55

Note

- Packing code:B(Bulk Single Product),A(Folding Tape),R(Reel Tape)
- Pin spacing code
- Pin shape code
- Tolerance:K(±10%)