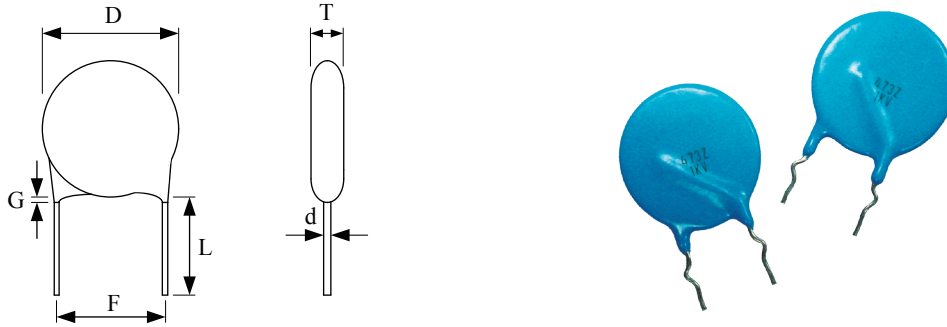


Type: HV



Specifications 規格

Dielectric	NPO	SL	Y5E	Y5P	Z5U	Z5V
Rated Voltage 額定電壓	500VDC ~ 20KVDC					
Capacitance Range 電容量範圍	1pF ~ 220pF	30pF ~ 820pF	100pF ~ 4700pF	1000pF ~ 10000pF	4700pF ~ 22000pF	
Q/Dissipation Factor 損耗因數	$C \geq 30\text{pF}: Q \geq 1000$ $C < 30\text{pF}: Q \geq 400 + 20 * C$ at 25°C with $1 \pm 20\%$ MHz and $1 \pm 0.2\text{Vrms}$			$\leq 2.5\%$ at $1\text{kHz} \pm 10\%$ $1 \pm 0.2\text{Vrms}$ and 25°C		$\leq 5\%$ at $1\text{kHz} \pm 10\%$ $1 \pm 0.2\text{Vrms}$ and 25°C
Insulation Resistance 絕緣阻抗	10000MΩ Min. measured with DC500±50V within 60±5sec of charging					
Dielectric Strength 耐電壓	Apply DC Test Voltage W.V. (2 ~ 3KV is 200%, 5KV \geq W.V. \geq 3KV is 175%, W.V. > 5KV is 150%) for 1 ~ 5sec. (Charge/Discharge current \leq 50mA)					
Temperature Characteristic 溫度係數	0±60ppm/°C	+350 to -1000ppm/°C	±4.7%	±10%	+22/-56%	+22/-82%
Operating Temperature Range 操作溫度	-25°C ~ +85°C		-25°C ~ +85°C		+10°C ~ 85°C	

Dimensions 尺寸

W.VDC	Capacitance Range (Unit: pF)					Dimensions (Unit: mm)		
	NPO (CH)	SL	B (Y5E, Y5P)	E (Z5U)	F (Z5V)	D	T	G
1KV	1~10	30~56	100~470	1000~1200		5 ± 2	< 3.8	< 2.0
	12~33	68~100	500~680	1500~2200		6 ± 2	< 3.8	< 2.0
	39~51	120~150	820~1000	2700~3300		7 ± 2	< 3.8	< 2.0
	56~68	180~220	1500~1800	3900	4700~6800	8 ± 2	< 3.8	< 2.0
	75~91	270~330	2000~2200	4700~5600	8200~10000	9 ± 2	< 3.8	< 2.0
	100~120	390	2700~3300	6800	12000	10 ± 2	< 3.8	< 2.0
				8200~10000	15000	11 ± 2	< 3.8	< 2.0
						12 ± 2	< 3.8	< 2.0
						14 ± 2	< 3.8	< 2.0
						15 ± 2	< 3.8	< 2.0
2KV	1~20	15~56	100~470	1000~1200		5 ± 2	< 4.5	< 2.0
	22~30	68~100	560~820	1500~2200	3300~3900	6 ± 2	< 4.5	< 2.0
	33~39	120~150	1000~1200	2700~3300	4700~5100	7 ± 2	< 4.5	< 2.0
	47~51	180	1500	3900	5600~6800	8 ± 2	< 4.5	< 2.0
	56~68	200~220	1800~2000		8200	9 ± 2	< 4.5	< 2.0
	75~82	270~300	2200~2700	4700~5600	10000	10 ± 2	< 4.5	< 2.0
	90~100	330	3000~3300	6800	12000	11 ± 2	< 4.5	< 2.0
	110~120		3900			12 ± 2	< 4.5	< 2.0
		390				13 ± 2	< 4.5	< 2.0
			4700~5600	8200~10000		14 ± 2	< 4.5	< 2.0
3KV	1~18	15~47	100~470	1000~1200	1800~2200	7 ± 2	< 4.5	< 3.0
	20~30	50~680	680~820	1500	2700~3300	8 ± 2	< 4.5	< 3.0
	33~39	82~100	1000	1800~2000	3900	9 ± 2	< 4.5	< 3.0
	47~56	120	1200	2200~2700	4700~5600	10 ± 2	< 4.5	< 3.0
	62~68	150~180	1500	3000~3300		11 ± 2	< 4.5	< 3.0
	72~82	200~220	1800		6800~8200	12 ± 2	< 4.5	< 3.0
		270	2000~2200	3900~4700		13 ± 2	< 4.5	< 3.0
		300~330			1000	14 ± 2	< 4.5	< 3.0
			2700~3300	5000~6800		15 ± 2	< 4.5	< 3.0
			100~330			6 ± 2		
6KV		5~39	390~510			7 ± 2		
		47~56	560~680	1000		8 ± 2		
		68				9 ± 2		
		82	820	1500		10 ± 2		
				2200		11 ± 2		
		100~120	1000			12 ± 2		
			1500			13 ± 2		
				3300		14 ± 2		
						15 ± 2		