

# HIGH VOLTAGE CERAMIC CAPACITOR

Suntan®

# TS16

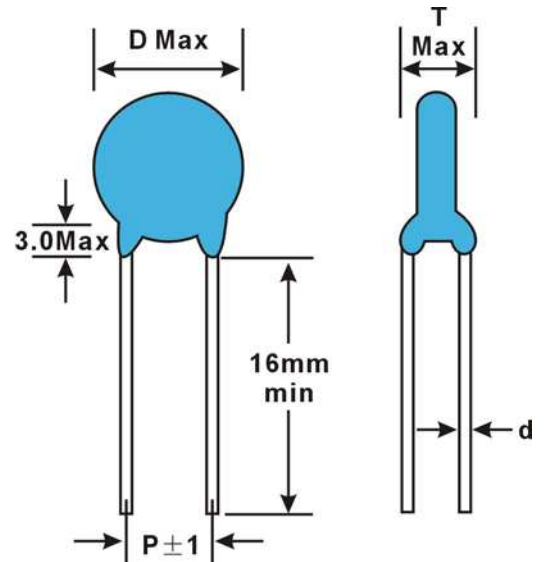
## FEATURES

- Use for coupling, and by-pass circuit there are a stable and high reliability products



## SPECIFICATIONS

OPERATING CONDITION RANGE	-25°C to +85°C
RATED WORKING VOLTAGE	1 KV – 50KVDC
CAPACITANCE RANGE	100pF – 10,000pF
TEST VOLTAGE	2 times of the rated voltage.
DISSIPATION FACTOR (tan δ)	at 1 KHz, 1±0.2 Vrms, 25°C
Y5P, Z5U .....	tan δ ≤ 2.5%
Z5V .....	tan δ ≤ 5%
INSULATION RESISTANCE	10,000 MΩ or 200 MΩ whichever is the smaller



RATED W. V	NPO	SL	Y5P(B)	Y5U(E)	Y5V(F)	DIMENSION				
						D	P	T	d	
1KV	010~200	200~121	151~821	152~332	332~472	7	5	4	0.5	
			102			8	5		0.5	
			152			9	5		0.5	
	1KV	200~121	200~121	222	682	682~103	10		5	0.5
				332			11		7.5	0.6
				472			12		7.5	0.6
				103			13		7.5	0.6
				203~223			14		7.5	0.6
				473			18		10	0.6
2KV	010~100	150~470	151~561	102	152~222	7	5	4	0.5	
			680~820			7.5	5	4.5	0.5	
			681~821			8	5	0.5		
	2KV	150~470	150~470	102	332	472	9	5	0.5	
				152			10	7.5	0.6	
				222			11	7.5	0.6	
				272			12	7.5	0.6	
				332			13	7.5	0.6	
				472			14	7.5	0.6	
3KV	120	150~470	101~471	102		7	7.5	4.5	0.6	
						7.5	7.5	5	0.6	
						8	7.5	4.5	0.6	
	3KV	150~470	150~470	152	152	332	8	7.5	5	0.6
				222			8	7.5		0.6
				560~680			9	7.5		0.6
				820			10	7.5		0.6
				102			11	7.5		0.6
				472			12	7.5		0.6
				682			13	10		0.6
				14			10	0.7		
332~472	15	10	0.7							
103	19	10	0.7							

Note: Specification are subject to change without notice. For more detail and update, please visit our website.

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RATED W. V	NPO	SL	Y5P(B)	Y5U(E)	Y5V(F)	DIMENSION				
						D	P	T	d	
4KV		680	471	102	272	7	10	5	0.6	
			561	152		8	10		0.6	
			102	272		10	10		0.6	
			152			13	10		0.8	
			222			16	10		0.8	
6.3KV		390	391	102		8	10	7	0.8	
				202		10	10		0.8	
				302		12	10		0.8	
				402		14	10		0.8	
10KV			201		152	10	10	7	0.6	
			391	102		12	10		0.8	
			681	152		14	10		0.8	
			102	222		17	10		0.8	
15KV			221			8	10	9	0.8	
			471	122		12	10		0.8	
			681			14	10		0.8	
			102	272		17	10		0.8	
20KV		10~30	201~271			10	10	8	0.6	
			331~511			14	10		8	0.8
			102			18	12.5		9	0.8
				472		103	24		12.5	9
30KV			102	472	103	30	15	12	1.5	
40KV			102			30	15	20	1.5	
50KV			102			36	15	22	1.5	

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