

HIGH VOLTAGE CERAMIC CAPACITOR

Suntan®

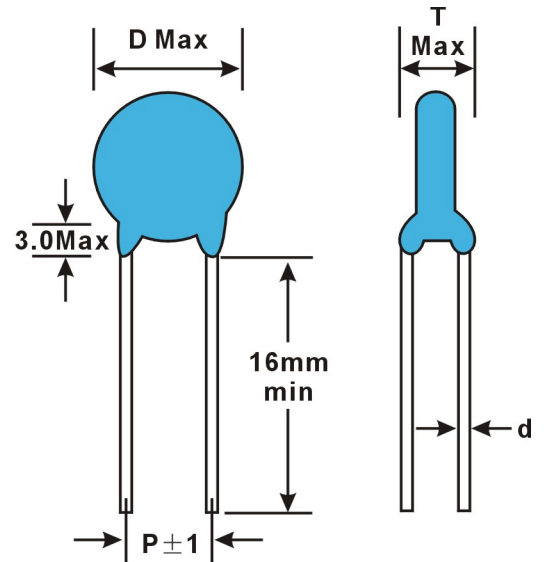
TS16

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	010~100	220~121	221~681	102	332	7	5	4	0.5		
			102	152~332	472	8	5		0.5		
	152	472	682~103	9	5	0.5					
	222	682	11	7.5	0.5						
	332	103	12	7.5	0.6						
	472	203~223	13	7.5	0.6						
	203~223	473	14	7.5	0.6						
	473	18	7.5	0.6							
	2KV	010~100	220~820	221~471	102		7		5	4	0.5
				102	152	332	7.5		5	4.5	0.5
101~121		561~681	472	8	5	0.5					
102		102	472	9	5	0.5					
332		332	682	9	7.5	0.6					
472		472	103	10	7.5	0.6					
152		682	11	7.5	0.6						
222		103	12	7.5	0.6						
682		682	13	7.5	0.6						
332		332	14	7.5	0.6						
472	103	16	10	5	0.6						
3KV	010~100	150~680	102	102		7	7.5	4	0.6		
			102	152		7.5	7.5	5	0.6		
	101	221~471		8	7.5	4	0.6				
	152	152		8	7.5	0.6					
	222	222		9	7.5	0.6					
	332	332		10	7.5	0.6					
	222	222		11	7.5	0.6					
	472	472		12	7.5	0.6					
	332	682		13	10	0.6					
	472	472		14	10	0.7					
103	103		15	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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