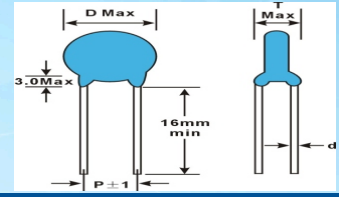


HIGH VOLTAGE CERAMIC DISC CAPACITOR

RC2

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

Part No.And Description

RC2	F	472	M	602	D10	P10
series No.	dielectric material	capacitance code	tolerance	voltage	diameter	lead space
	N=NPO	010=1pF	M=20%	102=1KV	D05=5mm	P05=5mm
	S=SL	100=10pF	K=10%	103=10KV	D10=10mm	P10=10mm
	B=Y5P	101=100pF	J=5%			
	E=Y5U				
	F=Y5V					

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		9	5		0.5
			222		682~223	10	5		0.5
				682		11	7.5		0.6
			332			12	7.5		0.6
			472	103		13	7.5		0.6
					203~223	14	7.5		0.6
2KV	010~100	220~820	221~471	102		7	5	4	0.5
				102	332	7.5	5	4.5	0.5
			101~121	561~681	152	332	8	5	0.5
			102	222		472	9	5	0.5
					332		9	7.5	0.6
			152	472	682		10	7.5	0.6
			222		103		11	7.5	0.6
				682			12	7.5	0.6
			332				13	7.5	0.6
			472	103	203~223		14	7.5	0.6
3KV	010~100	150~680		102		16	10	5	0.6
						7	7.5	4	0.6
			101	221~471		7.5	7.5	5	0.6
					152		8	7.5	0.6
			681~102		222		9	7.5	0.6
				152	332		10	7.5	0.6
				222		472	11	7.5	0.6
					332	682	12	7.5	0.6
				472			13	10	0.6
					103		14	10	0.7
4KV		680	471	102		15	10	5	0.6
			561	152	272	7	10	0.6	
			102	272		8	10	0.6	
			152			10	10	0.6	
			222			13	10	0.8	
6.3KV		390	391	102		16	10	5	0.8
				202		8	10	0.6	
				302		10	10	0.8	
				402		12	10	0.8	
10KV			201			14	10	7	0.8
			391	102	152	10	10	0.6	
			681	152	22	12	10	0.8	
			102	222		14	10	0.8	
15KV			221	122		17	10	8	0.8
			471	272		8	10	0.8	
			681			12	10	0.8	
			102			14	10	0.8	
20KV	10~30		201~271			17	10	9	0.8
			331~511		103	10	10	8	0.6
			102			14	10	8	0.8
				472		18	12.5	9	0.8
30KV			102	472	103	24	12.5	9	0.8
40KV			102			30	15	12	1.5
50KV			102			30	15	20	1.5
								22	1.5