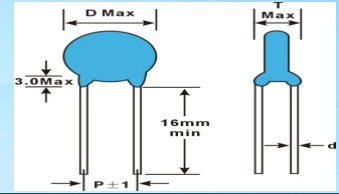


HIGH VOLTAGE CERAMIC DISC CAPACITOR

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