



Damping Absorption Capacitors

Product Catalogue

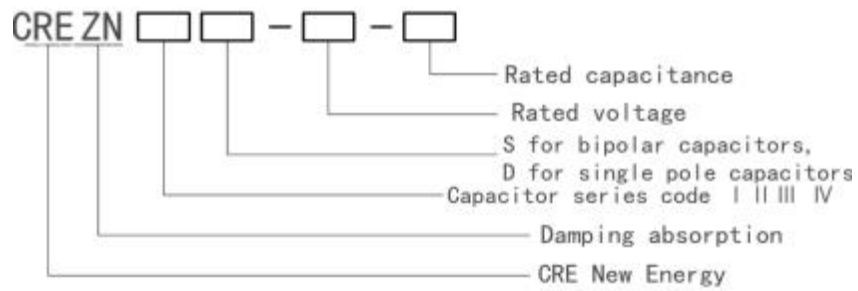
Wuxi CRE New Energy Technology Co.,Ltd

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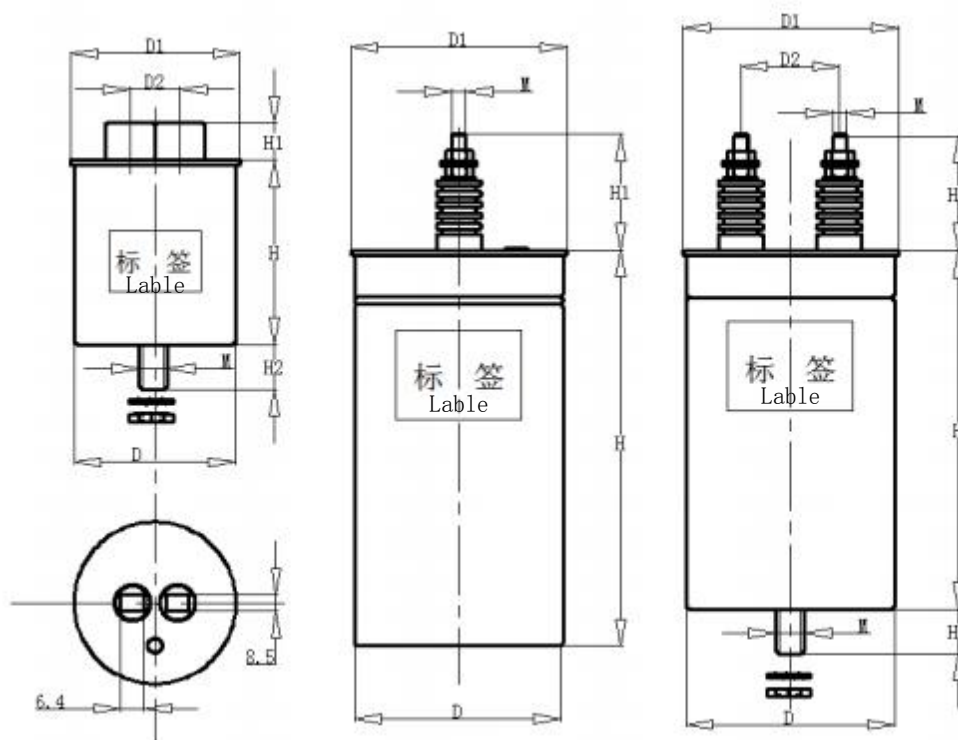
1. Applications

They're primarily used to limit the rate of voltage rise in circuits that are excessively, to protect the switching and protection of semiconductors in power electronics; filtering and energy storage. The main application areas are rectifiers, SVCs, locomotive power supplies, etc.

2. Type and Diagram



Model Description



Diagram

3. Common Dimensional Parameters

Capacity (μF)	$I_{\max}$ (A_{rms})	I (kA)	I_s (kA)	Dimensions D×H	Bottom bolts	Model
U_N 1000V AC		U_{NDC} 1700V DC		U_s 2500V		U_{BB} 1500V AC U_{BG} 2400V AC
0.1 μF	10	0.2	1.2	50×55	M8	CREZN-1kVAC-0.1 μF
0.22 μF	10	0.2	1.6	50×55	M8	CREZN-1kVAC-0.22 μF
0.33 μF	10	0.2	1.6	50×55	M8	CREZN-1kVAC-0.33 μF
0.47 μF	10	0.2	1.6	50×55	M8	CREZN-1kVAC-0.47 μF
0.5 μF	10	0.2	1.6	50×55	M8	CREZN-1kVAC-0.5 μF
1 μF	18	0.2	1.6	50×75	M8	CREZN-1kVAC-1 μF
2 μF	18	0.3	2	50×75	M8	CREZN-1kVAC-2 μF
3 μF	18	0.5	2.8	60×90	M12	CREZN-51kVAC-3 μF
4 μF	18	0.7	3	60×122	M12	CREZN-1kVAC-4 μF
6 μF	18	0.9	3.5	60×152	M12	CREZN-1kVAC-6 μF
10 μF	18	1.2	4	76×152	M12	CREZNIIS-500VAC/1kVAC-10 μF
U_N 1600V AC		U_{NDC} 2500V DC		U_s 3800V		U_{BB} 2400V AC U_{BG} 3300V AC
0.1 μF	10	0.2	1.2	50×55	M8	CREZN-1.6kVAC-0.1 μF
0.22 μF	10	0.2	1.6	50×55	M8	CREZN-1.6kVAC-0.22 μF
0.33 μF	10	0.2	1.6	50×75	M12	CREZN-1.6kVAC-0.33 μF
0.47 μF	18	0.2	1.6	50×75	M12	CREZN-1.6kVAC-0.47 μF
0.5 μF	18	0.2	1.6	50×75	M12	CREZN-1.6kVAC-0.5 μF
1 μF	18	0.2	1.6	60×90	M8	CREZN-1.6kVAC-1 μF
2 μF	18	0.3	2	60×122	M12	CREZN-1.6kVAC-2 μF
3 μF	18	0.5	2.8	60×152	M12	CREZNIIS-1.6kVAC-3 μF
4 μF	18	0.7	3	76×122	M12	CREZNIIS-1.6kVAC-4 μF
6 μF	18	0.9	3.5	76×152	M12	CREZNIIS-1.6kVAC-6 μF
10 μF	18	1.2	4	96×152	M16	CREZNIIS-1.6kVAC-10 μF
U_N 2000V AC		U_{NDC} 3000V DC		U_s 4500V		U_{BB} 3000V AC U_{BG} 3800V AC
0.1 μF	10	0.2	1.2	50×55	M8	CREZN-2kVAC-0.1 μF
0.22 μF	10	0.2	1.6	50×55	M8	CREZN-2kVAC-0.22 μF
0.33 μF	10	0.2	1.6	50×75	M8	CREZN-2kVAC-0.33 μF
0.47 μF	18	0.2	1.6	50×75	M12	CREZN-2kVAC-0.47 μF
0.5 μF	18	0.2	1.6	50×75	M12	CREZN-2kVAC-0.5 μF
1 μF	18	0.2	1.6	60×90	M12	CREZN-2kVAC-1 μF
2 μF	18	0.3	2	76×122	M12	CREZNIIS-2kVAC-2 μF
3 μF	18	0.5	2.8	76×122	M12	CREZNIIS-2kVAC-3 μF
4 μF	18	0.7	3	76×152	M12	CREZNIIS-2kVAC-4 μF
6 μF	18	0.9	3.5	86×152	M12	CREZNIIS-2kVAC-6 μF

10μF	18	1.2	4	106×152	M16	CREZNIIS-2kVAC-10μF
U _N 2500V AC		U _{NDC} 4000V DC		U _S 6000V		U _{BB} 3750V AC
0.1μF	10	0.2	1.4	60×60	M12	CREZN-2.5kVAC-0.1μF
0.22μF	10	0.2	1.8	60×60	M12	CREZN-2.5kVAC-0.22μF
0.33μF	10	0.2	1.8	60×90	M12	CREZN-2.5kVAC-0.33μF
0.47μF	18	0.2	1.8	60×90	M12	CREZN-2.5kVAC-0.47μF
0.5μF	18	0.2	1.8	60×90	M12	CREZN-2.5kVAC-0.5μF
1μF	18	0.2	1.8	60×122	M12	CREZNIIS-2.5kVAC-1μF
2μF	18	0.4	2.2	76×122	M12	CREZNIIS-2.5kVAC-2μF
3μF	18	0.6	3	76×152	M12	CREZNIIS-2.5kVAC-3μF
4μF	18	0.8	3.5	86×152	M16	CREZNIIS-2.5kVAC-4μF
6μF	18	1	4	106×152	M16	CREZNIIS-2.5kVAC-6μF
10μF	18	1.5	4.5	116×182	M16	CREZNIIS-2.5kVAC-10μF
U _N 3000V AC		U _{NDC} 4500V DC		U _S 6750V		U _{BB} 4500V AC
0.1μF	18	0.4	1.6	60×60	M12	CREZN-3kVAC-0.1μF
0.22μF	18	0.6	2	60×60	M12	CREZN-3kVAC-0.22μF
0.33μF	18	0.6	2	60×60	M12	CREZN-3kVAC-0.33μF
0.47μF	18	0.6	2	60×90	M12	CREZN-3kVAC-0.47μF
0.5μF	18	0.6	2	60×122	M12	CREZN-3kVAC-0.5μF
1μF	18	0.7	2	76×122	M12	CREZNIIS-3kVAC-1μF
2μF	18	1.5	4	76×152	M12	CREZNIIS-3kVAC-2μF
3μF	18	1.8	6	96×152	M16	CREZNIIS-3kVAC-3μF
4μF	18	3.5	8	106×152	M16	CREZNIIS-3kVAC-4μF
6μF	18	4	12	106×182	M16	CREZNIIS-3kVAC-6μF
10μF	18	5	14	116×272	M16	CREZNIIS-3kVAC-10μF
U _N 4000V AC		U _{NDC} 5000V DC		U _S 7500V		U _{BB} 6000V AC
0.1μF	18	0.5	1.8	76×122	M12	CREZNIIS-4kVAC-0.1μF
0.22μF	18	0.7	2.2	76×122	M12	CREZNIIS-4kVAC-0.22μF
0.33μF	18	0.7	2.2	76×122	M12	CREZNIIS-4kVAC-0.33μF
0.47μF	18	0.7	2.2	76×122	M12	CREZNIIS-4kVAC-0.47μF
0.5μF	18	0.7	2.2	76×122	M12	CREZNIIS-4kVAC-0.5μF
1μF	18	0.8	2.4	86×152	M12	CREZNIIS-4kVAC-1μF
2μF	18	1.7	5	106×152	M16	CREZNIIS-4kVAC-2μF
3μF	18	2	7	106×182	M12	CREZNIIS-4kVAC-3μF
4μF	18	3.7	11	106×272	M16	CREZNIIS-4kVAC-4μF
U _N 5000V AC		U _{NDC} 8000V DC		U _S 12000V		U _{BB} 7500V AC
0.1μF	18	1	2	76×122	M12	CREZNIID-5kVAC-0.1μF
0.22μF	18	1.2	2.5	76×122	M12	CREZNIID-5kVAC-0.22μF
0.33μF	18	1.2	2.5	76×152	M12	CREZNIID-5kVAC-0.33μF
0.47μF	18	1.2	2.5	76×152	M12	CREZNIID-5kVAC-0.47μF
0.5μF	18	1.2	2.5	76×152	M12	CREZNIID-5kVAC-0.5μF

1μF	18	1.5	4	106×152	M12	CREZNIID-5kVAC-1μF
2μF	18	2	6	116×182	M16	CREZNIID-5kVAC-2μF
3μF	18	2.4	9	116×272	M12	CREZNIID-5kVAC-3μF
U _N 6000V AC		U _{NDC} 9000V DC		U _s 13500V		U _{BB} 8000V AC
0.1μF	18	1.2	2.5	76×122	M12	CREZNIID-6kVAC-0.1μF
0.22μF	18	1.5	3	76×152	M12	CREZNIID-6kVAC-0.22μF
0.33μF	18	1.5	3	76×152	M12	CREZNIID-6kVAC-0.33μF
0.47μF	18	1.5	3	76×152	M12	CREZNIID-6kVAC-0.47μF
0.5μF	18	1.5	3	86×152	M12	CREZNIID-6kVAC-0.5μF
1μF	18	2	6	106×152	M12	CREZNIID-6kVAC-1μF
2μF	18	3	6	116×202	M16	CREZNIID-6kVAC-2μF
U _N 7000V AC		U _{NDC} 10000V DC		U _s 15000V		U _{BB} 10500V AC
0.1μF	18	1.8	4	76×122	M12	CREZNIID-7kVAC-0.1μF
0.22μF	18	2.2	6	76×152	M12	CREZNIID-7kVAC-0.22μF
0.33μF	18	2.2	6	86×152	M12	CREZNIID-7kVAC-0.33μF
0.47μF	18	2.2	6	86×152	M12	CREZNIID-7kVAC-0.47μF
0.5μF	18	2.2	6	86×152	M12	CREZNIID-7kVAC-0.5μF
1μF	18	4	12	106×182	M12	CREZNIID-7kVAC-1μF
2μF	18	6	12	116×272	M16	CREZNIID-7kVAC-2μF