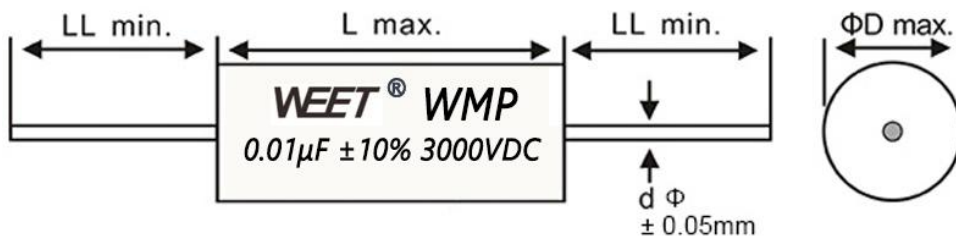


FEATURES

- Snubber Capacitor for IGBT(Axial-type)
- Quick transient design
- High dV/dt, High pulse current, Low inductance, Self healing
- Low ESR characteristics, excellent high frequency and high voltage capabilities.

DRAWING (mm)



PICTURE



SPECIFICATIONS

Passive flammability	IEC 61071
Operating temperature	-40°C ~ +85°C
Capacitance range	0.01~10uF
Capacitance tolerance	±5%、±10% 1KHz
Rated voltage	630V.DC~3000V.DC
Voltage Between Terminals	1.5×UR VDC, 10s (20°C)
Voltage Between Terminals and Case	3000 VAC, 10s (20°C,50Hz)
Dissipation factor	≤0.0008 (20°C,1KHz)
Insulate the electric resistance	IR ≥100 000MΩ,CN≤0.33uF
(20°C,100VDC,1min)	IR ≥30000s CN >0.33uF
Leads Diameter	Tinned Pure Copper Wire

SIZE TABLE (mm)

630Vdc/700Vdc (420Vac)						
CR (uF)	Dmax	Lmax	dV/dt (V/us)	Ipeak(A)	ESR @100kHz (mΩ)	I(max)100KHz 70°C
0.15	10.5	29	950	143	11	3.7
0.22	12	29	950	209	9	4.6
0.33	14	29	950	314	7	6
0.47	16.1	29	950	447	5.5	8
0.33	12.3	34	700	231	7.5	5.8
0.47	14.4	34	700	329	6	7.5
0.68	16.8	34	700	476	5	9
1	19.8	34	700	700	4.3	10.5
1.5	23.8	34	700	1 050	4	12.5
0.82	16.5	39	600	492	5.5	8
1	17.9	39	600	600	4.5	9.5
1.5	21.4	39	600	900	4.3	12
2	24.4	39	600	1 200	4	14
2.2	25.4	39	600	1 320	4	14
2.5	27	39	600	1 500	4	14
3	29.3	39	600	1 800	4	14
3.3	30.7	39	600	1 980	4	14
1	17	44	475	475	5	10
1.5	20.3	44	475	713	4.5	12
2	23	44	475	950	4.3	14
2.2	24	44	475	1 045	4	14
2.5	25.5	44	475	1 188	4	14
3	27.7	44	475	1 425	4	14
3.3	29	44	475	1 568	4	14
4	31.7	44	475	1 900	4	14
3.3	25.7	54	350	1 155	4	14
4	28	54	350	1 400	3.6	14
4.7	30.2	54	350	1 645	3.5	14
5	31.1	54	350	1 750	3.5	14
6.8	35.9	54	350	2 380	3.5	14
8.2	39.2	54	350	2 870	3.5	14
3.3	24.3	58	300	990	4.5	14
4	26.5	58	300	1 200	4	14
4.7	28.6	58	300	1 410	3.8	14
5	29.4	58	300	1 500	3.6	14
6.8	33.9	58	300	2 040	3.5	14
8.2	37.1	58	300	2 460	3.5	14
10	40.7	58	300	3 000	3.5	14

SIZE TABLE (mm)

850Vdc(450Vac)						
CR (uF)	Dmax	Lmax	dV/dt (V/us)	Ipeak(A)	ESR @100kHz (mΩ)	I(max)100KHz 70°C
0.1	10.4	29	1 200	120	13	3.6
0.15	12	29	1 200	180	10	4.5
0.22	13.9	29	1 200	264	7.5	5.8
0.33	16.1	29	1 200	396	6	7.5
0.15	10.9	34	900	135	10.5	4.5
0.22	12.5	34	900	198	8	5
0.33	14.6	34	900	297	6.5	6.3
0.47	16.9	34	900	423	5.5	7.8
0.68	19.8	34	900	612	4.5	9.9
0.75	20.6	34	900	675	4.3	11
1	23.4	34	900	900	4	12.9
0.47	15.5	39	750	353	6	7.5
0.68	18	39	750	510	5	8.9
1	21.3	39	750	750	4.5	11.5
1.5	25.6	39	750	1 125	4	14
2	29.2	39	750	1 500	4	14
2.2	30.5	39	750	1 650	4	14
2.5	32.3	39	750	1 875	4	14
0.68	17	44	600	408	5.5	9.5
1	20	44	600	600	4.5	11.5
1.5	24	44	600	900	4	14
2	27.3	44	600	1 200	4	14
2.2	28.5	44	600	1 320	4	14
2.5	30.3	44	600	1 500	4	14
3	32.9	44	600	1 800	4	14
2.2	25.3	54	460	1 012	4.5	14
2.5	26.8	54	460	1 150	4	14
3	29.2	54	460	1 380	4	14
3.3	30.5	54	460	1 518	4	14
4	33.3	54	460	1 840	4	14
4.7	35.9	54	460	2 162	4	14
5	37	54	460	2 300	4	14
2.2	24	58	375	825	4.3	14
2.5	25.4	58	375	938	4	14
3	27.6	58	375	1 125	4	14
3.3	28.8	58	375	1 238	4	14
4	31.5	58	375	1 500	4	14
4.7	34	58	375	1 763	4	14
5	35	58	375	1 875	4	14
6.8	40.4	58	375	2 550	4	14

SIZE TABLE (mm)

1000Vdc(500Vac)						
CR (uF)	Dmax	Lmax	dV/dt (V/us)	Ipeak(A)	ESR @100kHz (mΩ)	I(max)100KHz 70°C
0.068	9.8	29	1 400	95	16.5	3.5
0.1	11.1	29	1 400	140	12	4.3
0.15	12.8	29	1 400	210	9.5	5.6
0.22	14.8	29	1 400	308	7	6.8
0.15	11.3	34	1 050	158	10	5
0.22	13.3	34	1 050	231	7.5	7
0.33	15.6	34	1 050	347	6	8.5
0.47	18.1	34	1 050	494	5	10
0.68	21.3	34	1 050	714	4	12.1
0.33	14.6	39	850	281	8	7.2
0.47	16.8	39	850	400	5.5	8.8
0.68	19.7	39	850	578	4.5	11.1
1	23.3	39	850	850	4	14
1.5	28	39	850	1275	4	14
0.47	15.6	44	780	367	6	9.2
0.68	18.2	44	780	530	5	10.1
1	21.5	44	780	780	4	12.8
1.5	25.8	44	780	1 170	4	14
2	29.4	44	780	1 560	4	14
1.5	22.9	54	500	750	4.5	14
2	26.1	54	500	1 000	4.3	14
2.2	27.3	54	500	1 100	4	14
2.5	28.9	54	500	1 250	4	14
3	31.5	54	500	1 500	4	14
3.3	32.9	54	500	1 650	4	14
4	36	54	500	2 000	4	14
1.5	22	58	425	638	5	14
2	25	58	425	850	4.5	14
2.2	26.1	58	425	935	4	14
2.5	27.6	58	425	1 063	4	14
3	30.1	58	425	1 275	4	14
3.3	31.4	58	425	1 403	4	14
4	34.4	58	425	1 700	4	14
4.7	37.1	58	425	1 998	4	14

SIZE TABLE (mm)

1200Vdc(600Vac)						
CR (uF)	Dmax	Lmax	dV/dt (V/us)	I _{peak} (A)	ESR @100kHz (mΩ)	I(max)100KHz 70°C
0.047	9.7	29	1 600	75	20	3.4
0.068	11	29	1 600	109	15.5	4.2
0.1	12.7	29	1 600	160	12	5.2
0.15	14.8	29	1 600	240	9.2	6.6
0.22	17.4	29	1 600	352	7	8.5
0.1	11.4	34	1 350	135	13.5	5.5
0.15	13.3	34	1 350	203	10	6.5
0.22	15.2	34	1 350	297	6.8	9
0.33	18.4	34	1 350	446	5.5	9.4
0.47	21.5	34	1 350	635	4	11.9
0.22	13.4	39	1 050	231	8.5	6.5
0.33	16.1	39	1 050	347	6.5	7.7
0.47	18.7	39	1 050	494	5	10.5
0.68	22	39	1 050	714	4.5	12.1
1	26.2	39	1 050	1 050	4	14
1.2	28.5	39	1 050	1 260	4	14
0.33	15	44	1 000	330	6.7	9
0.47	17.3	44	1 000	470	5.5	9.8
0.68	20.4	44	1 000	680	5	11.7
1	24.2	44	1 000	1 000	4.5	14
1.2	26.3	44	1 000	1 200	4	14
1.5	29.1	44	1 000	1 500	4	14
1.5	26.1	54	700	1 050	4.5	14
2	29.8	54	700	1 400	4	14
2.2	31.1	54	700	1 540	4	14
2.5	33	54	700	1 750	4	14
3	36	54	700	2 100	4	14
3.3	37.6	54	700	2 310	4	14
1.5	24.2	58	600	900	5	14
2	27.6	58	600	1 200	4.5	14
2.2	28.9	58	600	1 320	4	14
2.5	30.6	58	600	1 500	4	14
3	33.4	58	600	1 800	4	14
3.3	34.9	58	600	1 980	4	14
4	38.2	58	600	2 400	4	14

SIZE TABLE (mm)

1500Vdc(650Vac)						
CR (uF)	Dmax	Lmax	dV/dt (V/us)	Ipeak(A)	ESR @100kHz (mΩ)	I(max)100KHz 70°C
0.033	10.5	29	2 300	76	28	3.3
0.047	11.8	29	2 300	108	21.1	4.2
0.068	13.5	29	2 300	156	15	5.5
0.1	15.7	29	2 300	230	10.4	7.2
0.068	12.2	34	1 750	119	16	4.1
0.1	14.1	34	1 750	175	12	5.8
0.15	16.6	34	1 750	263	8.5	6.5
0.22	19.5	34	1 750	385	6.7	8.4
0.33	23.3	34	1 750	578	4.5	11.1
0.1	13	39	1 450	145	10	6
0.22	17.8	39	1 450	319	7.5	8
0.33	21.2	39	1 450	479	6.3	10.4
0.47	24.8	39	1 450	682	5	12.5
0.68	29.3	39	1 450	986	4.3	13
0.22	16.4	44	1 200	264	8.5	8
0.33	19.5	44	1 200	396	6.5	10.2
0.47	22.8	44	1 200	564	5.2	12.7
0.68	26.9	44	1 200	816	4.5	14
1	32.1	44	1 200	1 200	4	14
1	27.7	54	850	850	4.5	14
1.2	30.1	54	850	1 020	4.3	14
1.5	33.4	54	850	1 275	4	14
2	38.2	54	850	1 700	4	14
2.2	40	54	850	1 870	4	14
1	26.4	58	750	750	5	14
1.2	28.7	58	750	900	4.5	14
1.5	31.8	58	750	1 125	4.3	14
2	36.4	58	750	1 500	4	14
2.2	38	58	750	1 650	4	14
2.5	40.4	58	750	1 875	4	14

SIZE TABLE (mm)

1600Vdc /1700Vdc (675Vac)						
CR (uF)	Dmax	Lmax	dV/dt (V/us)	Ipeak(A)	ESR @100kHz (mΩ)	I(max)100KHz 70°C
0.033	11	29	2 500	83	25.6	4.1
0.047	12.5	29	2 500	118	18.5	5.8
0.068	14.4	29	2 500	170	13.2	6.1
0.1	16.8	29	2 500	250	9.2	7.8
0.068	12.9	34	1 900	129	17.9	5.3
0.1	15	34	1 900	190	12.5	7.5
0.15	17.7	34	1 900	285	8.5	8.6
0.22	20.9	34	1 900	418	6	10
0.33	25	34	1 900	627	5.5	12.5
0.1	13.8	39	1 650	165	16.1	6.2
0.22	19	39	1 650	363	7.6	9.5
0.33	22.7	39	1 650	545	5.2	12.4
0.47	26.6	39	1 650	776	4.5	14
0.68	31.5	39	1 650	1 122	4	14
0.22	17.5	44	1 400	308	9.5	8.6
0.33	20.9	44	1 400	462	6.5	11
0.47	24.4	44	1 400	658	5	13.2
0.68	28.9	44	1 400	952	4.5	14
1	34.5	44	1 400	1 400	4	14
1.5	41.8	44	1 400	2 100	4	14
1	29.7	54	1 000	1 000	4.5	14
1.2	32.3	54	1 000	1 200	4.3	14
1.5	35.9	54	1 000	1 500	4	14
2	41.1	54	1 000	2 000	4	14
2.2	43	54	1 000	2 200	4	14
1	28.3	58	780	780	5	14
1.2	30.7	58	780	936	4.5	14
1.5	34.1	58	780	1 170	4.2	14
2	39	58	780	1 560	4	14
2.2	40.8	58	780	1 716	4	14
2.5	43.4	58	780	1 950	4	14

SIZE TABLE (mm)

2000Vdc(700Vac)						
CR (uF)	Dmax	Lmax	dV/dt (V/us)	Ipeak(A)	ESR @100kHz (mΩ)	I(max)100KHz 70°C
0.022	10.2	29	2 750	61	32.8	3.2
0.033	11.6	29	2 750	91	22.8	4
0.047	13.2	29	2 750	129	16.5	6
0.068	15.2	29	2 750	187	11.7	7
0.047	12	34	2 100	99	22.5	5.1
0.068	13.7	34	2 100	143	16	6.7
0.1	15.9	34	2 100	210	11.1	8.4
0.15	18.8	34	2 100	315	7.6	10.1
0.22	22.2	34	2 100	462	5.5	11
0.068	12.6	39	1 850	126	20.6	5.8
0.1	14.6	39	1 850	185	14.3	6.8
0.15	17.2	39	1 850	278	9.8	8.5
0.22	20.2	39	1 850	407	6.8	10.7
0.33	24.2	39	1 850	611	4.6	14
0.39	26	39	1 850	721	4.3	14
0.47	28.4	39	1 850	870	4	14
0.1	13.6	44	1 650	165	18	6.4
0.15	15.9	44	1 650	248	12.3	8.9
0.22	18.7	44	1 650	363	8.5	10.1
0.33	22.2	44	1 650	545	5.8	13
0.47	26	44	1 650	776	4.1	14
0.68	31.4	44	1 650	1 122	4	14
0.68	26.6	54	1 200	816	4.5	14
1	31.7	54	1 200	1 200	4.3	14
1.3	35.8	54	1 200	1 560	4	14
0.68	26.9	58	850	578	5	14
1	32.1	58	850	850	4.5	14
1.2	34.9	58	850	1 020	4	14
1.3	36.2	58	850	1 105	4	14
1.5	38.8	58	850	1 275	4	14

SIZE TABLE (mm)

2500Vdc(725Vac)						
CR (μ F)	Dmax	Lmax	dV/dt (V/us)	Ipeak(A)	ESR @100kHz (m Ω)	I(max)100KHz 70°C
0.01	9.9	29	3 900	117	53.5	2.3
0.015	11.1	29	3 900	176	37.6	2.9
0.022	12.6	29	3 900	257	26.7	3.5
0.033	14.7	29	3 900	386	18.4	4.8
0.033	13.2	34	2 600	257	25.4	3.9
0.047	15.1	34	2 600	367	18.3	5.3
0.068	17.5	34	2 600	530	13	7
0.1	20.5	34	2 600	780	9	8.6
0.15	24.5	34	2 600	1 170	6.1	10.5
0.082	17.3	39	2 100	517	14.2	5.1
0.1	18.7	39	2 100	630	11.7	7.1
0.15	22.3	39	2 100	945	8	7.5
0.22	26.4	39	2 100	1 386	5.6	11
0.33	31.7	39	2 100	2 079	4	14
0.47	37.3	39	2 100	2 961	4	14
0.1	17.3	44	1 950	585	14.9	6.8
0.15	20.5	44	1 950	878	10.1	9.2
0.22	24.2	44	1 950	1 287	7	10.4
0.33	29.1	44	1 950	1 931	4.8	14
0.47	34.2	44	1 950	2 750	4	14
0.68	40.6	44	1 950	3 978	4	14
0.33	25.1	54	1 450	1 436	6.9	11.7
0.47	29.5	54	1 450	2 045	4.9	14
0.68	34.9	54	1 450	2 958	4	14
0.82	38.1	54	1 450	3 567	4	14
0.33	24	58	925	916	8.5	10.6
0.47	28.1	58	925	1 304	6	13.2
0.68	33.2	58	925	1 887	4.2	14
0.82	36.2	58	925	2 276	4	14
1	39.7	58	925	2 775	4	14

SIZE TABLE (mm)

3000Vdc(750Vac)						
CR (uF)	Dmax	Lmax	dV/dt (V/us)	Ipeak(A)	ESR @100kHz (mΩ)	I(max)100KHz 70°C
0.0068	10.1	29	4 800	33	65.1	2
0.01	11.2	29	4 800	48	46.7	2.5
0.015	12.8	29	4 800	72	32.6	3.1
0.01	10.4	34	3 500	35	64.7	2.2
0.015	11.7	34	3 500	53	45.3	2.7
0.022	13.3	34	3 500	77	32	3.3
0.033	15.4	34	3 500	116	22.1	4.1
0.047	17.7	34	3 500	165	15.8	5.5
0.068	20.6	34	3 500	238	11.2	7.3
0.047	16.2	39	2 500	118	20.8	4.5
0.068	18.8	39	2 500	170	14.7	6
0.1	22.1	39	2 500	250	10.2	7.5
0.15	26.4	39	2 500	375	7	9.3
0.22	31.3	39	2 500	550	4.9	12.3
0.047	15.1	44	2 100	99	26.7	5.1
0.068	17.4	44	2 100	143	18.8	6.3
0.1	20.4	44	2 100	210	13.1	7.9
0.15	24.3	44	2 100	315	8.9	10.2
0.22	28.7	44	2 100	462	6.1	13.2
0.22	24.9	54	1 650	363	9	11
0.33	29.8	54	1 650	545	6.1	14
0.47	35	54	1 650	776	4.4	14
0.22	23.8	58	1 275	281	11.1	11
0.33	28.4	58	1 275	421	7.5	14
0.47	33.3	58	1 275	599	5.4	14
0.56	36.1	58	1 275	714	4.5	14
0.6	37.3	58	1 275	765	4.3	14

SIZE TABLE (mm)

U _R	C _R	Tolerance	I _{peak}	dV/dt	ESR (mΩ)	I _{rms} 100KHz	Dimension (mm)			
(VDC)	(μF)						(A)	(V/μs)	100KHz	70°C (A)
3000	0.01	±10%	30	4800	80	2.0	32	11	35	0.8
3000	0.015	±10%	50	4800	65	2.5	32	12	35	0.8
3000	0.022	±10%	65	3500	40	3.0	32	14	35	0.8
3000	0.047	±10%	150	3500	20	4.5	32	18	35	1.0
3000	0.10	±10%	185	2100	15	6.5	44	20	35	1.2
3000	0.22	±10%	380	2100	10	4.5	44	29	35	1.2

ESR Testing at 100KHz: Cross to Cornell Dubilier 940C 0.01μF 3000VDC +/-10% OD*L: 11.5*34mm



Note: Other values are available on request. WEET are capable of doing custom service for you.

