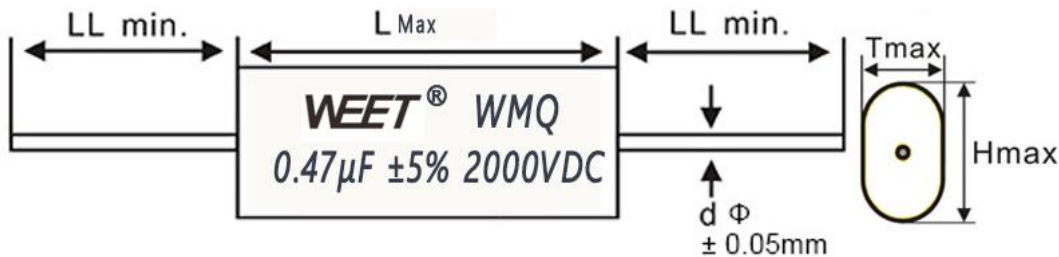


FEATURES

- Small size, low temperature raise, withstand high ripple current, and long life time.
- High dV/dt, High pulse current, Low inductance, Self healing
- Low ESR characteristics, excellent high frequency and high voltage capabilities.
- Application: IGBT snubber, UPS, inverter, welding machine, power supply.

DRAWING (mm)



PICTURE



SPECIFICATIONS

Passive flammability	IEC61070GB 17702.1
Operating temperature	-40°C ~ +85°C
Capacitance range	0.1uF~4.7uF
Capacitance tolerance	±5%、±10% 1KHz
Rated voltage	1000、1200、1600、2000V.DC
Withstand Strike Current ability	dv/dt>600v/us
Withstand voltage	1.6Un(60S)
Dissipation factor	≤0.0008 (at 10kHz)
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)

Un=1000V.DC									
uF	L(mm)	T(mm)	H(mm)	Φd	ESR(mΩ)	ESL(nH)	dv/d(V/μs)	I Peak Amps(A)	Irms max at 100KHZ & 70°C Amps
0.068	27	10	21	0.8	11	18	1200	74.8	3.8
0.1	32	8	15	0.8	10	20	1200	110	5.6
0.22	32	12	20	1.2	7	21	1200	220	6.8
0.33	32	15.5	26	1.2	6	21	1200	330	8.7
0.47	32	18	27.5	1	5	23	1000	470	10.5
0.68	32	23	32	1	5	25	900	612	11.7
1	44	22	33	1.2	4	27	900	900	12.4
1.5	44	27	37	1.2	4	29	900	1350	13.5
2.2	44	30	43	1.2	3	32	900	1980	14.5
3	57	29	40	1.2	3	34	800	2400	17.2
3.3	57	30	41	1.2	3	35	800	2640	17.8
Un=1200V.DC									
uF	L(mm)	T(mm)	H(mm)	Φd	ESR(mΩ)	ESL(nH)	dv/dtV/μs)	I Peak Amps(A)	Irms max at 100KHZ & 70°C Amps
0.068	27	9	18	0.8	11	18	1300	88.4	4
0.1	32	9	16	0.8	10	20	1300	130	6
0.22	32	14	22	1	7	22	1200	264	8.3
0.33	32	16	26	1	7	23	1200	396	9
0.47	32	21	31	1.2	7	23	1200	564	9.5
0.147	44	16	24	1.2	7	26	1200	564	9.8
0.68	44	19	30	1.2	6	27	1200	816	11.7
1	44	22	33	1.2	5	28	1100	1100	12.4
1.5	44	29	39	1.2	4	30	1100	1650	13.5
2.2	44	38	47.5	1.2	4	30	1100	2420	14.5
2.2	57	29	40	1.2	4	35	1000	2200	14.5
3	57	34	45	1.2	4	37	1000	3000	17.2
3.3	57	35	49	1.2	3	38	1000	3300	17.8

SIZE TABLE (mm)

Un=1600V.DC									
uF	L(mm)	T(mm)	H(mm)	Φd	ESR(mΩ)	ESL(nH)	dv/dt(V/μs)	I Peak Amps(A)	Irms max at 100KHZ & 70°C Amps
0.068	27	12	18.5	0.8	11	19	1300	88.4	6.1
0.1	32	10	17	0.8	10	21	1300	130	7.5
0.22	32	16	22.5	1.2	7	23	1200	264	9.3
0.33	32	18	27.5	1.2	6	24	1200	396	9.9
0.47	37	20	28	1.2	6	26	1200	564	11.2
0.68	44	20	31	1.2	5	27	1100	748	11.7
1	44	25	37	1.2	5	29	1100	1100	12.4
1.5	44	31	44	1.2	4	30	1100	1650	13.5
1.5	57	24	35	1.2	4	30	1000	1500	13.5
2.2	57	30	41	1.2	4	34	1000	2200	14.5
3	57	36	49	1.2	4	38	1000	3000	17.2
Un=2000V.DC									
uF	L(mm)	T(mm)	H(mm)	Φd	ESR(mΩ)	ESL(nH)	dv/dt(V/μs)	I Peak Amps(A)	Irms max at 100KHZ & 70°C Amps
0.068	37	11	17.5	1	10	20	1600	108.8	6.9
0.1	37	12	18.5	1	9	22	1600	160	8.2
0.22	37	16.5	24.5	1.2	8	27	1500	330	9.1
0.33	37	20	29	1.2	8	28	1500	495	10.2
0.47	37	23	35	1.2	7	29	1500	705	12.4
0.68	44	25	37	1.2	6	32	1400	952	14.2
1	57	24	36	1.2	5	35	1400	1400	14.5
1.5	57	30	43	1.2	5	37	1300	1950	14.5
2.2	57	37	50	1.2	5	39	1300	2860	17.8

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



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