

Snubber MKP Capacitors for Pulse Applications with Double-Sided Metallized Electrodes, Schoopage Contacts and Internal Series Connection

Special Features

- Pulse duty construction
- Self-healing
- Particularly reliable contact-configurations: 4-lead versions and screwable plate connections
- Internal series connection from 400 VAC
- Very low dissipation factor
- Negative capacitance change versus temperature
- According to RoHS 2002/95/EC

Typical Applications

- For high pulse and high frequency applications requiring extremely reliable contacts e.g.
- IGBT-applications

Construction

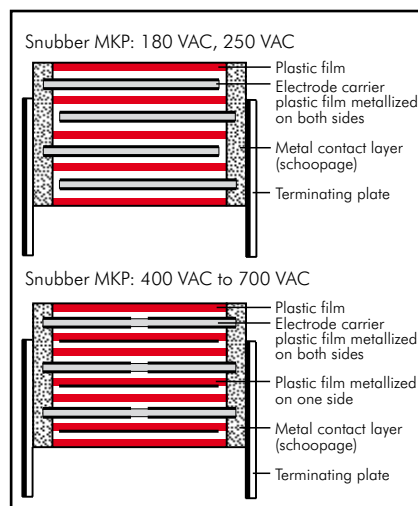
Dielectric:

Polypropylene (PPI) film

Capacitor electrodes:

Double-sided metallized plastic film

Internal construction:



Encapsulation:

Solvent-resistant, flame-retardant plastic case with epoxy resin seal, UL 94 V-0

Terminations:

Tinned wire or plates.

Marking:

Colour: Red. Marking: Black.
Epoxy resin seal: Red

Electrical Data

Capacitance range:

0.047 μ F to 25 μ F

Rated voltages:

250 VDC, 400 VDC, 630 VDC, 1000 VDC, 1600 VDC, 2000 VDC, 3000 VDC

Capacitance tolerances:

$\pm 20\%$, $\pm 10\%$, $\pm 5\%$ (other tolerances are available subject to special enquiry)

Operating temperature range:

-55°C to $+100^\circ\text{C}$

Climatic test category:

55/100/56 in accordance with IEC

Insulation resistance at $+20^\circ\text{C}$:

$C \leq 0.33 \mu\text{F}$: $\geq 1 \times 10^5 \text{ M}\Omega$

(mean value: $5 \times 10^5 \text{ M}\Omega$)

$C > 0.33 \mu\text{F}$: $\geq 30\,000 \text{ sec (M}\Omega \times \mu\text{F)}$

(mean value: 100 000 sec)

Measuring voltage: 100 V/1 min.

Test voltage:

$L < 41.5$: $1.6 U_r$, 2 sec

$L = 41.5$: $1.4 U_r$, 2 sec

$L = 56$: $1.2 U_r$, 2 sec

Dissipation factors at $+20^\circ\text{C}$: $\tan \delta$

at f	$C \leq 0.1 \mu\text{F}$	$0.1 \mu\text{F} < C \leq 1.0 \mu\text{F}$	$C > 1.0 \mu\text{F}$
1 kHz	$\leq 3 \times 10^{-4}$	$\leq 3 \times 10^{-4}$	$\leq 3 \times 10^{-4}$
10 kHz	$\leq 4 \times 10^{-4}$	$\leq 6 \times 10^{-4}$	–
100 kHz	$\leq 15 \times 10^{-4}$	–	–

Maximum pulse rise time:

Capacitance μF	max. pulse rise time V/ μsec at $T_A < 40^\circ\text{C}$						
	250 VDC	400 VDC	630 VDC	1000 VDC	1600 VDC	2000 VDC	3000 VDC
0.047 ... 0.22	500	500	900	1400	1400	1400	1400
0.33 ... 0.68	300	400	700	900	900	900	900
1.0 ... 2.2	200	200	400	400	500	500	500
2.5 ... 6.0	80	100	150	300	400	–	–
7.0 ... 10	50	70	75	–	–	–	–
15 ... 25	10	20	–	–	–	–	–

for pulses equal to the rated voltage

Mounting Recommendation

Excessive mechanical strain, e.g. pressure or shock onto the capacitor body, is to be avoided during mounting and usage of the capacitors. When fixing the plates the screw torque is to be limited to max. 5 Nm.

For further details and graphs please refer to Technical Information.

Voltage derating:

A voltage derating factor of 1.35 % per K must be applied from $+85^\circ\text{C}$ for DC voltages and from $+75^\circ\text{C}$ for AC voltages

Reliability:

Operational life $> 300\,000$ hours
Failure rate $< 1 \text{ fit (} 0.5 \times U_r \text{ and } 40^\circ\text{C)}$

Specific dissipation:

Box size* WxHxL in mm	Specific dissipation in Watts per K above the ambient temperature
19x31x56	0.068
23x34x56	0.079
27x37.5x56	0.092
33x48x56	0.122
37x54x56	0.142

* other box sizes see page 12.

Packing

Transportation-safe packing in cardboard boxes.

Packing units

L	pcs. per packing unit
18	100
26.5	100
31.5	100
41.5	100
56	50

Continuation

General Data

Capac- itance	250 VDC/180 VAC*				400 VDC/250 VAC*				630 VDC/400 VAC*			
	W	H	L	Part number	W	H	L	Part number	W	H	L	Part number
0.1 μF					7	14	18	SNMPG03100S2_____	7	16.5	26.5	SNMPJ03100S4_____
0.15 "					8	15	18	SNMPG03150S3_____	8.5	18.5	26.5	SNMPJ03150S5_____
0.22 "	7	14	18	SNMPF03220S2_____	7	16.5	26.5	SNMPG03220S4_____	10.5	19	26.5	SNMPJ03220S6_____
0.33 "	8	15	18	SNMPF03330S3_____	8.5	18.5	26.5	SNMPG03330S5_____	11	21	26.5	SNMPJ03330S8_____
0.47 "	7	16.5	26.5	SNMPF03470S4_____	10.5	19	26.5	SNMPG03470S6_____	11	21	31.5	SNMPJ03470S9_____
0.68 "	8.5	18.5	26.5	SNMPF03680S5_____	11	21	31.5	SNMPG03680S9_____	15	26	31.5	SNMPJ03680SB_____
									13	24	41.5	SNMPJ03680SH_____
1.0 μF	11	21	26.5	SNMPF04100S8_____	13	24	31.5	SNMPG04100SA_____	17	29	31.5	SNMPJ04100SC_____
					13	24	41.5	SNMPG04100SH_____	15	26	41.5	SNMPJ04100SI_____
1.5 "	13	24	31.5	SNMPF04150SA_____	17	29	31.5	SNMPG04150SC_____	19	32	41.5	SNMPJ04150SK_____
	11	22	41.5	SNMPF04150SF_____	15	26	41.5	SNMPG04150SI_____				
2.0 "	15	26	31.5	SNMPF04200SB_____	17	29	41.5	SNMPG04200SJ_____	20	39.5	41.5	SNMPJ04200SL_____
	13	24	41.5	SNMPF04200SH_____								
2.2 "	15	26	31.5	SNMPF04220SB_____	17	29	41.5	SNMPG04220SJ_____	20	39.5	41.5	SNMPJ04220SL_____
	13	24	41.5	SNMPF04220SH_____								
2.5 "	17	29	31.5	SNMPF04250SC_____	19	32	41.5	SNMPG04250SK_____	24	45.5	41.5	SNMPJ04250SM_____
	15	26	41.5	SNMPF04250SI_____								
3.0 "	17	34.5	31.5	SNMPF04300SD_____	20	39.5	41.5	SNMPG04300SL_____	24	45.5	41.5	SNMPJ04300SM_____
	15	26	41.5	SNMPF04300SI_____								
3.3 "	17	34.5	31.5	SNMPF04350SD_____	20	39.5	41.5	SNMPG04330SL_____	24	45.5	41.5	SNMPJ04330SM_____
	15	26	41.5	SNMPF04350SI_____								
4.0 "	19	32	41.5	SNMPF04400SK_____	24	45.5	41.5	SNMPG04400SM_____	31	46	41.5	SNMPJ04400SN_____
4.7 "	19	32	41.5	SNMPF04470SK_____	24	45.5	41.5	SNMPG04470SM_____	31	46	41.5	SNMPJ04470SN_____
5.0 "	20	39.5	41.5	SNMPF04500SL_____	24	45.5	41.5	SNMPG04500SM_____	31	46	41.5	SNMPJ04500SN_____
6.0 "	20	39.5	41.5	SNMPF04600SL_____	31	46	41.5	SNMPG04600SN_____	33	48	56	SNMPJ04600SR_____
7.0 "	24	45.5	41.5	SNMPF04700SM_____	31	46	41.5	SNMPG04700SN_____	33	48	56	SNMPJ04700SR_____
8.0 "	24	45.5	41.5	SNMPF04800SM_____	33	48	56	SNMPG04800SR_____	37	54	56	SNMPJ04800SS_____
10.0 μF	31	46	41.5	SNMPF05100SN_____	33	48	56	SNMPG05100SR_____				
15.0 "	33	48	56	SNMPF05150SR_____	37	54	56	SNMPG05150SS_____				
20.0 "	37	54	56	SNMPF05200SS_____								
25.0 "	37	54	56	SNMPF05250SS_____								

* AC voltage: $f \leq 1000 \text{ Hz}$; $1.4 \times U_{\text{rms}} + U_{\text{DC}} \leq U_r$

Dims. in mm.

Ionisation inception level in isolated cases may be lower than admissible rated AC voltage.

Versions and dimensional drawings see page 107.

Part number completion:

Version codes see page 110.

Tolerance: 20 % = M

10 % = K

5 % = J

Packing: bulk = S

Lead length: none = 00

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Continuation page 103

Continuation

General Data

Capacitance	1000 VDC/600 VAC*				1600 VDC/650 VAC*			
	W	H	L	Part number	W	H	L	Part number
0.068 μF	7	16.5	26.5	SNMPO12680S4_	10.5	19	26.5	SNMPT02680S6_
0.1 μF	8.5	18.5	26.5	SNMPO13100S5_	11	21	26.5	SNMPT03100S8_
0.15 "	11	21	26.5	SNMPO13150S8_	13	24	31.5	SNMPT03150SA_
					11	22	41.5	SNMPT03150SG_
0.22 "	11	21	31.5	SNMPO13220S9_	15	26	31.5	SNMPT03220SB_
					13	24	41.5	SNMPT03220SH_
0.33 "	15	26	31.5	SNMPO13330SB_	17	34.5	31.5	SNMPT03330SD_
	13	24	41.5	SNMPO13330SH_	15	26	41.5	SNMPT03330SI_
0.47 "	17	29	31.5	SNMPO13470SC_	19	32	41.5	SNMPT03470SK_
	15	26	41.5	SNMPO13470SI_				
0.68 "	17	29	41.5	SNMPO13680SJ_	20	39.5	41.5	SNMPT03680SL_
1.0 μF	20	39.5	41.5	SNMPO14100SL_	24	45.5	41.5	SNMPT04100SM_
	23	34	56	SNMPO14100SP_				
1.5 "	24	45.5	41.5	SNMPO14150SM_	31	46	41.5	SNMPT04150SN_
	23	34	56	SNMPO14150SP_				
2.0 "	31	46	41.5	SNMPO14200SN_	33	48	56	SNMPT04200SR_
	27	37.5	56	SNMPO14200SQ_				
2.2 "	31	46	41.5	SNMPO14220SN_	33	48	56	SNMPT04220SR_
	27	37.5	56	SNMPO14220SQ_				
2.5 "	33	48	56	SNMPO14250SR_	37	54	56	SNMPT04250SS_
3.0 "	33	48	56	SNMPO14300SR_	37	54	56	SNMPT04300SS_
3.3 "	33	48	56	SNMPO14330SR_				
4.0 "	37	54	56	SNMPO14400SS_				
4.7 "	37	54	56	SNMPO14470SS_				
5.0 "	37	54	56	SNMPO14500SS_				

Capacitance	2000 VDC/700 VAC*				3000 VDC/700 VAC*			
	W	H	L	Part number	W	H	L	Part number
0.047 μF	10.5	19	26.5	SNMPU02470S6_	11	21	31.5	SNMPW02470S9_
0.068 "	11	21	26.5	SNMPU02680S8_	13	24	31.5	SNMPW02680SA_
					11	22	41.5	SNMPW02680SG_
0.1 μF	13	24	31.5	SNMPU03100SA_	15	26	31.5	SNMPW03100SB_
	11	22	41.5	SNMPU03100SG_	13	24	41.5	SNMPW03100SH_
0.15 "	15	26	31.5	SNMPU03150SB_	15	26	41.5	SNMPW03150SI_
	13	24	41.5	SNMPU03150SH_				
0.22 "	17	34.5	31.5	SNMPU03220SD_	19	32	41.5	SNMPW03220SK_
	15	26	41.5	SNMPU03220SI_				
0.33 "	19	32	41.5	SNMPU03330SK_	19	31	56	SNMPW03330SO_
0.47 "	20	39.5	41.5	SNMPU03470SL_	27	37.5	56	SNMPW03470SQ_
0.68 "	24	45.5	41.5	SNMPU03680SM_	33	48	56	SNMPW03680SR_
1.0 μF	33	48	56	SNMPU04100SR_	33	48	56	SNMPW04100SR_
1.5 "	33	48	56	SNMPU04150SR_	37	54	56	SNMPW04150SS_
2.0 "	37	54	56	SNMPU04200SS_				

* AC voltage: $f \leq 1000 \text{ Hz}$; $1.4 \times U_{\text{rms}} + U_{\text{DC}} \leq U_r$

Dims. in mm.

Ionisation inception level in isolated cases may be lower than admissible rated AC voltage.

Versions and dimensional drawings see page 107.

Rights reserved to amend design data without prior notification.

Part number completion:

Version codes see page 110.

Tolerance: 20 % = M

10 % = K

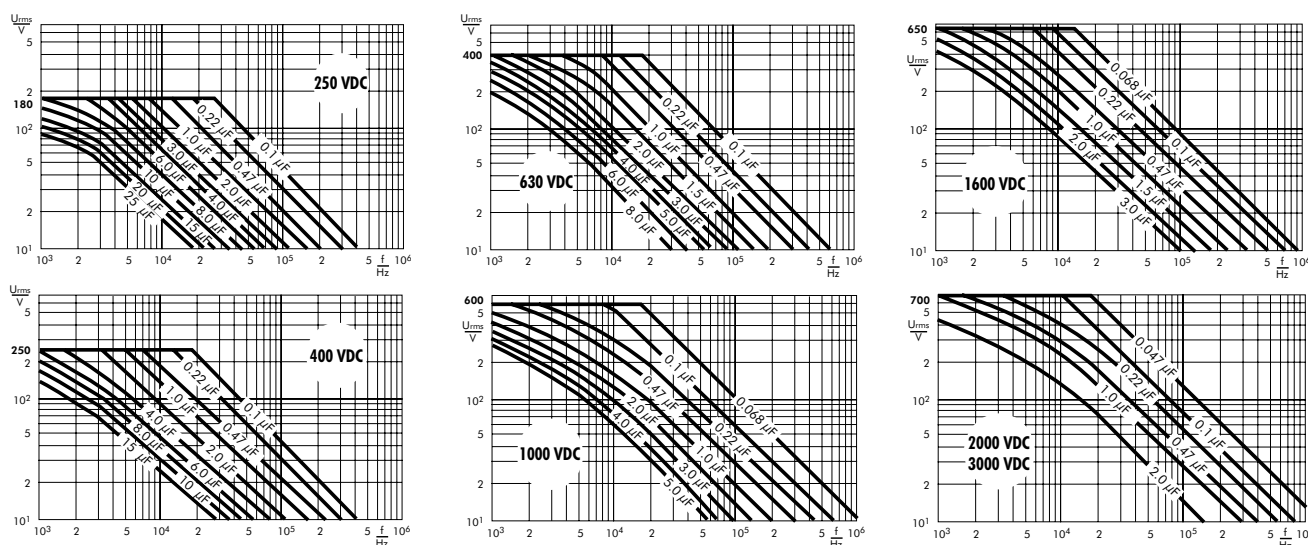
5 % = J

Packing: bulk = S

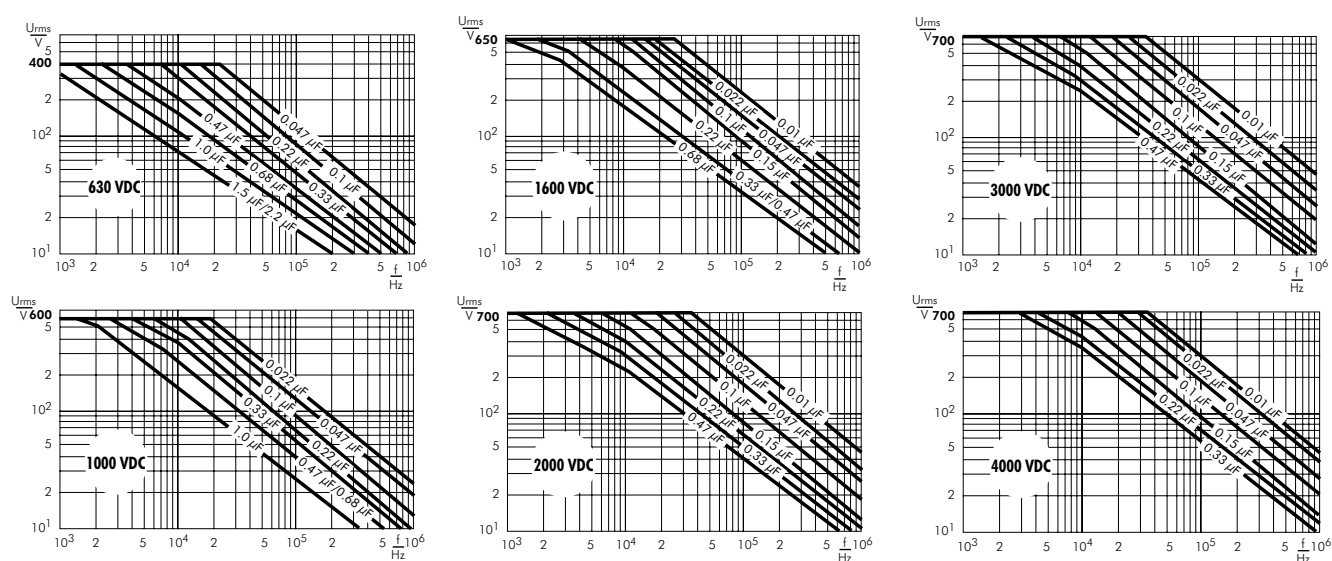
Lead length: none = 00

Continuation page 104

Permissible AC voltage in relation to frequency at 10° C internal temperature rise (general guide).

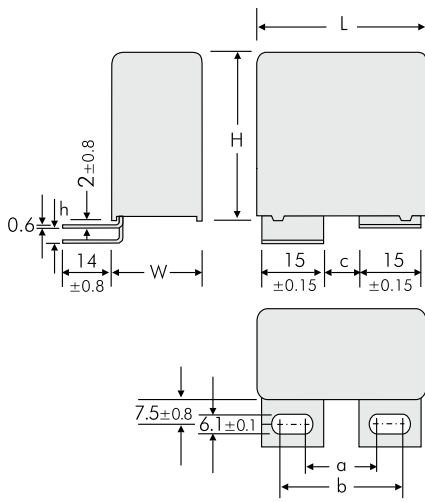


Permissible AC voltage in relation to frequency at 10° C internal temperature rise (general guide).

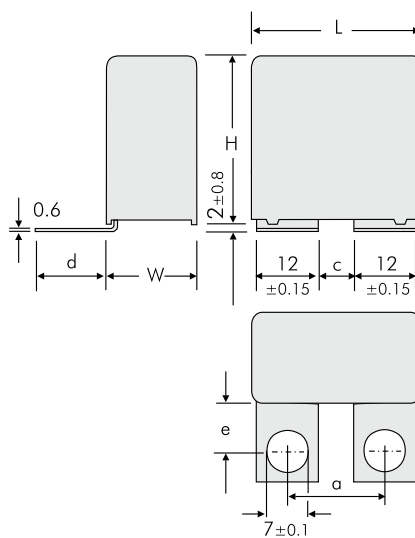


Technical information and general data see page 105.

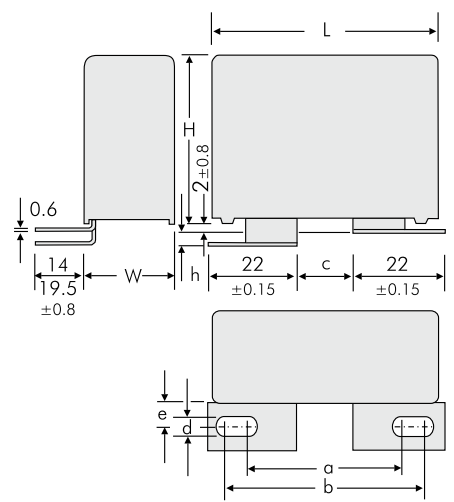
Versions of WIMA Snubber- and DC-LINK MKP 4 Capacitors



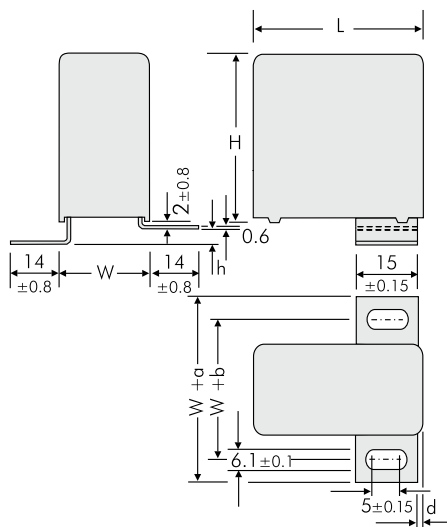
Version	L	a ±0.5	b ±0.5	c ±0.5	h ±0.8
A1	41.5	17.5	27.5	7.5	0
A1.5	41.5	17.5	27.5	7.5	3.5
A1	56	20	30	10	0
A1.1.1	56	28	38	18	0
A1.4	56	20	30	10	3.5
A1.4.1	56	28	38	18	3.5



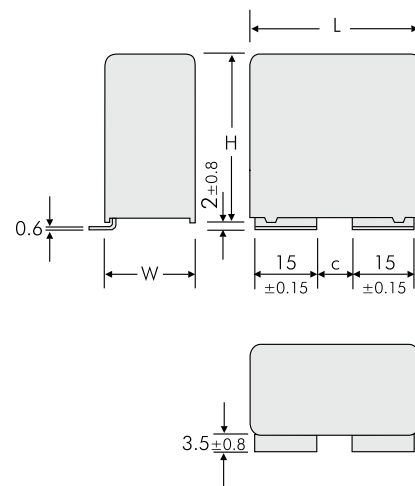
Version	L	a ±0.5	c ±0.5	d ±0.8	e ±0.8
A1.6	41.5	18	6	21.5	16
A1.6.1	41.5	22	10	18.5	13
A1.6	56	29	17	21.5	16



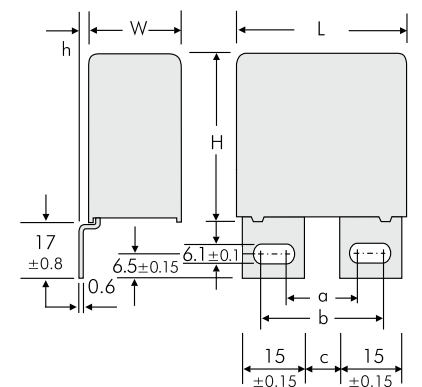
Version	L	a ±0.5	b ±0.5	c ±0.5	d ±0.1	e ±0.8	h ±0.8
A2	41.5	40.5	46.5	14.5	8.4	7.5	0
A2.2	41.5	31	37	5	8.4	7.5	3.5
A2.3	41.5	31	37	5	8.4	13	3.5
A2.4	41.5	33.5	39.5	7.5	8.4	13	3.5
A2.4.1	41.5	33.5	39.5	7.5	8.4	13	0
A2.5	41.5	29.5	39.5	5.5	6.1	7.5	3.5
A2.6	41.5	31.5	41.5	7.5	6.1	13	3.5
A2.6.1	41.5	31.5	41.5	14	6.1	13	3.5
A2.6.2	41.5	31.5	41.5	14	6.1	13	0
A2.8	41.5	40.5	46.5	14.5	8.4	7.5	3.5
A2.1	56	39.5	45.5	13.5	8.4	7.5	0
A2.7	56	39.5	45.5	13.5	8.4	7.5	3.5



Version	L	d ±1.0	h ±0.8	a ±0.8	b ±0.8	W
A1.3.1	31.5	2	0	47	34	19
A1.3.2	31.5	2	3.5	47	34	19
A1.2	41.5	2	3.5	47	34	19
A1.8	41.5	2	0	47	34	19
A1.8.1	41.5	2	0	56	43	28
A1.8.2	41.5	2	3.5	56	43	28

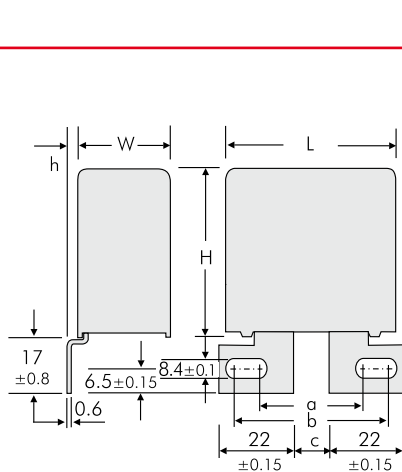


Version	L	c ±0.5
A1.7	41.5	7.5
A1.7	56	10
A1.7.1	56	18

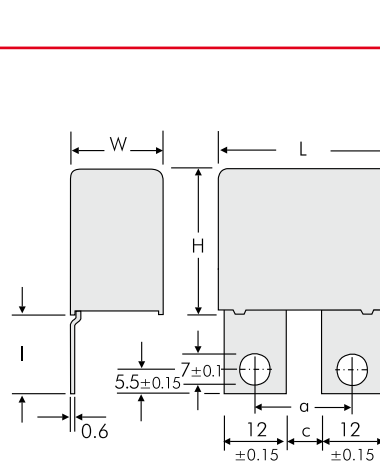


Version	L	a ±0.5	b ±0.5	c ±0.5	h ±0.8
A3	41.5	17.5	27.5	7.5	0
A3.5	41.5	17.5	27.5	7.5	3
A3	56	20	30	10	0
A3.1	56	28	38	18	0
A3.5	56	20	30	10	3
A3.10	56	28	38	18	3

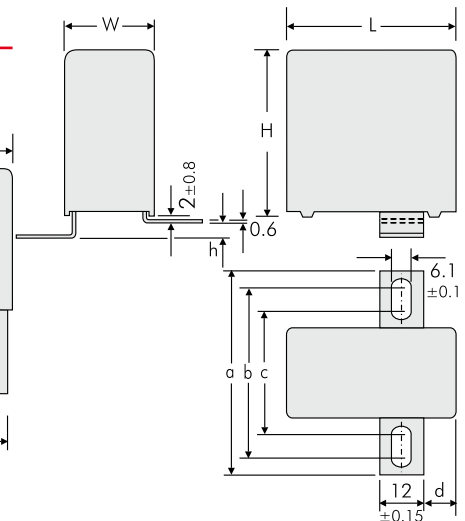
Versions of WIMA Snubber and DC-LINK MKP 4 Capacitors



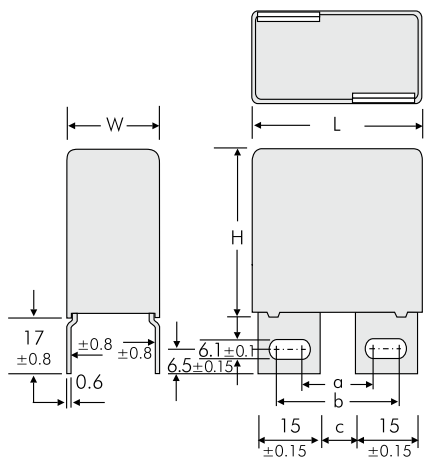
Version	L	a ±0.5	b ±0.5	c ±0.5	h ±0.8
A3.9	41.5	40.5	46.5	14.5	0
A3.11	41.5	40.5	46.5	14.5	3
A3.2	56	40.5	46.5	14.5	0
A3.3	56	40.5	46.5	14.5	3



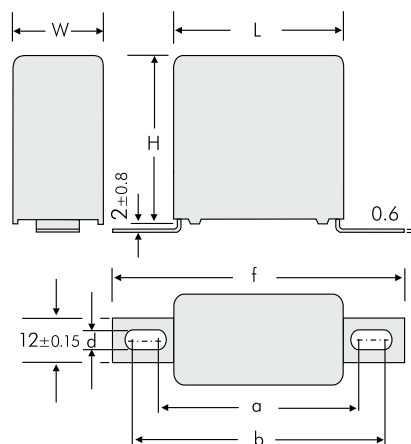
Version	L	a ±0.5	c ±0.5	l ±0.8
A3.8	41.5 W ≥ 17	18	6	23
A3.8.1	41.5 W ≥ 17	22	10	17.5



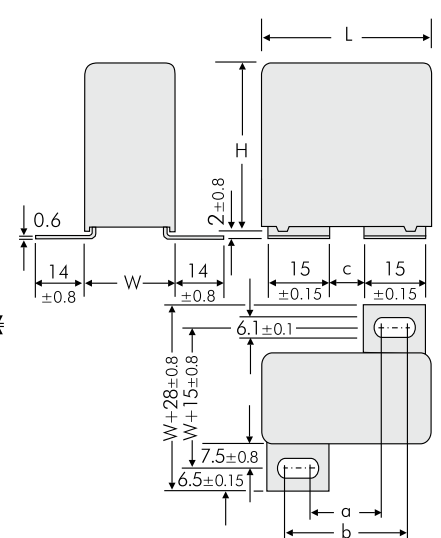
Version	L	a ±0.8	b ±0.8	c ±0.8	d ±1.0	h ±0.8	W
A4.3	31.5	57	47	31	1	3.5	19
A4.4	31.5	57	47	31	1	0	19
A4.6	31.5	44.6	34.6	31.6	1	3.5	19
A4.8	31.5	44.6	34.6	31.6	1	0	19
A4.1	41.5	57	47	31	6	3.5	19
A4.5	41.5	57	47	31	6	0	19
A4.5.1	41.5	63.5	53.5	37.5	6	0	28
A4.5.2	41.5	63.5	53.5	37.5	6	3.5	28



Version	L	a ±0.5	b ±0.5	c ±0.5
A3.6	41.5	17.5	27.5	7.5
A3.7	56	20	30	10

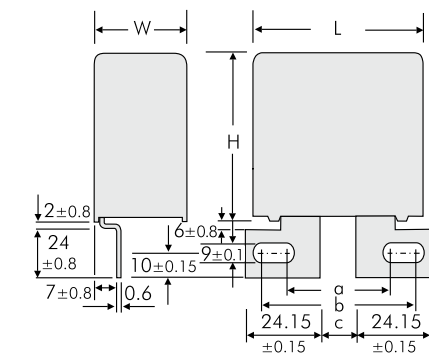


Version	L	a ±0.8	b ±0.8	f ±0.8	d ±0.1
A4.9	31.5 W ≥ 15	44	47	57	4.5
A4.10	31.5 W ≥ 15	43	59	69	6.1
A4.2	41.5 W ≥ 15	54	57	67	4.5
A4	41.5 W ≥ 15	53	69	79	6.1
A4.7	56	65	68	78	4.5
A4	56	64	80	90	6.1



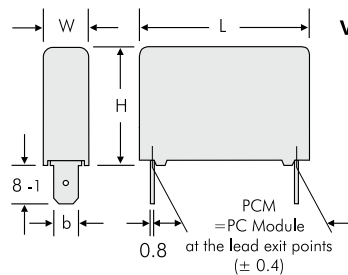
Version	L	a ±0.5	b ±0.5	c ±0.5
A5	41.5	17.5	27.5	7.5
A5	56	20	30	10

Versions of WIMA Snubber- and DC-LINK MKP 4 Capacitors



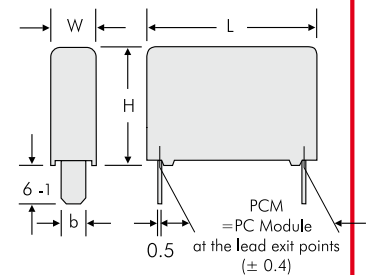
Version	L	a ±0.5	b ±0.5	c ±0.5
A6	56 W ≥ 23	41.5	45.5	15.5

Version FS 6.3
with slip-on
terminals
according to
DIN 46244



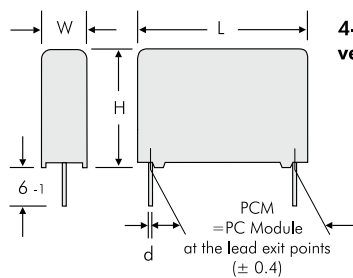
L	W	PCM	b ±0.15
26.5	≥ 11	23.5	6.3
31.5	≥ 11	28.5	6.3
41.5	≥ 11	38.5	6.3
56	≥ 11	49.5	6.3

Version B



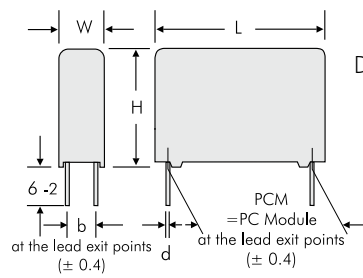
L	PCM	b ±0.15
18	16	5
26.5	23.5	5
31.5	28.5	8
41.5	38.5	8
56	49.5	8

**2-lead
version**



PCM	d
15	0.8
22.5	0.8
27.5	0.8
38.5	1.2
49.5	1.2

**4-lead
version**



W	H	L	PCM	b	d
10.5	19	26.5	22.5	5	0.8
10.5	20.5	26.5	22.5	5	0.8
11	21	26.5	22.5	5	0.8
11	21	31.5	27.5	5	0.8
13	24	31.5	27.5	7.5	0.8
15	26	31.5	27.5	7.5	0.8
17	29	31.5	27.5	10	0.8
19	30	31.5	27.5	10	0.8
17	34.5	31.5	27.5	10	0.8
20	39.5	31.5	27.5	12.5	0.8
22	43.5	31.5	27.5	12.5	0.8
11	22	41.5	37.5	5	1
13	24	41.5	37.5	7.5	1
15	26	41.5	37.5	7.5	1
17	29	41.5	37.5	10	1
19	32	41.5	37.5	10	1
20	39.5	41.5	37.5	12.5	1
24	45.5	41.5	37.5	12.5	1
31	46	41.5	37.5	20	1
19	31	56	48.5	12.5	1
23	34	56	48.5	15	1
27	37.5	56	48.5	15	1
33	48	56	48.5	20	1
37	54	56	48.5	20	1

Dims. in mm.

Additional special versions can be realized. Please contact us with your specific needs.



Versions of WIMA Snubber and DC-LINK MKP 4 Capacitors

Part number codes	D2	D4	B5	B8	1A	1B	1C	1D	1E	1F	1G	1H	1I	1J	1K	1L	1M	1N	1O	2A	2B	2C	2D	2E	2H	2I	2J	2K	2L	2M	3A	3C	3D	3E	3G	3I	3J	3K	3L	3N	3O	3P		
W x H x L	2-lead	4-lead	B5	B8	A1	A1.1	A1.2*	A1.3.1	A1.3.2	A1.4	A1.4.1	A1.5	A1.6	A1.6.1	A1.7	A1.7.1	A1.8*	A1.8.1	A1.8.2	A2	A2.1	A2.2	A2.3	A2.4	A2.5	A2.6	A2.6.1	A2.6.2	A2.7	A2.8	A3	A3.1	A3.2	A3.3	A3.5	A3.6	A3.7	A3.8	A3.8.1	A3.9	A3.10	A3.11		
7 x 14 x 18																																												
8 x 15 x 18																																												
7 x 16.5 x 26.5																																												
8.5 x 18.5 x 26.5																																												
10.5 x 19 x 26.5																																												
10.5 x 20.5 x 26.5																																												
11 x 21 x 26.5																																												
11 x 21 x 31.5																																												
13 x 24 x 31.5																																												
15 x 26 x 31.5																																												
17 x 29 x 31.5																																												
19 x 30 x 31.5																																												
17 x 34.5 x 31.5																																												
11 x 22 x 41.5																																												
13 x 24 x 41.5																																												
15 x 26 x 41.5																																												
17 x 29 x 41.5																																												
19 x 32 x 41.5																																												
20 x 39.5 x 41.5																																												
24 x 45.5 x 41.5																																												
28 x 38 x 41.5																																												
31 x 46 x 41.5																																												
19 x 31 x 56																																												
23 x 34 x 56																																												
27 x 37.5 x 56																																												
33 x 48 x 56																																												
37 x 54 x 56																																												

Part number codes	4A	4B	4C	4D	4E	4F	4G	4H	4I	4J	4K	4L	4M	5A	6A	FS
W x H x L	A4	A4.1*	A4.2	A4.3*	A4.4*	A4.5*	A4.5.1	A4.5.2	A4.6*	A4.7	A4.8*	A4.9	A4.10	A5	A6	FS 6.3
11 x 21 x 26.5																
11 x 21 x 31.5																
13 x 24 x 31.5																
15 x 26 x 31.5																
17 x 29 x 31.5																
19 x 30 x 31.5																
17 x 34.5 x 31.5																
11 x 22 x 41.5																
13 x 24 x 41.5																
15 x 26 x 41.5																
17 x 29 x 41.5																
19 x 32 x 41.5																
20 x 39.5 x 41.5																
24 x 45.5 x 41.5																
28 x 38 x 41.5																
31 x 46 x 41.5																
19 x 31 x 56																
23 x 34 x 56																
27 x 37.5 x 56																
33 x 48 x 56																
37 x 54 x 56																

Possible connecting respective plate
versions - depending on box size.

* on request



WIMA Part Number System

A WIMA part number consists of 18 digits and is composed as follows:

Field 1 - 4: Type description
 Field 5 - 6: Rated voltage
 Field 7 - 10: Capacitance
 Field 11 - 12: Size and PCM
 Field 13 - 14: Special features (e.g. Snubber versions)
 Field 15: Capacitance tolerance
 Field 16: Packing
 Field 17 - 18: Lead length (untaped)

1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18
M	K	S	2	C	0	2	1	0	0	1	A	0	0	M	S	S	D
MKS 2				63 VDC		0.01 μF				2.5×6.5×7.2		-		20%	bulk	6 -2	
Type description:				Rated voltage:		Capacitance:				Size:				Tolerance:			
SMD-PET = SMDT				16 VDC = A0		22 pF = 0022				4.8×3.3×3 Size 1812 = X1				20% = M			
SMD-PEN = SMDN				2.5 VDC = A1		47 pF = 0047				4.8×3.3×4 Size 1812 = X2				10% = K			
SMD-PPS = SMDI				4 VDC = A2		100 pF = 0100				5.7×5.1×3.5 Size 2220 = Y1				5% = J			
FKP 02 = FKP0				14 VDC = A3		150 pF = 0150				5.7×5.1×4.5 Size 2220 = Y2				2.5% = H			
MKS 02 = MKS0				28 VDC = A4		220 pF = 0220				7.2×6.1×3 Size 2824 = T1				1% = E			
FKS 2 = FKS2				40 VDC = A5		330 pF = 0330				7.2×6.1×5 Size 2824 = T2				...			
FKM 2 = FKM2				5 VDC = A6		470 pF = 0470				10.2×7.6×5 Size 4030 = K1				Packing:			
FKP 2 = FKP2				50 VDC = B0		680 pF = 0680				12.7×10.2×6 Size 5040 = V1							
MKS 2 = MKS2				63 VDC = C0		1000 pF = 1100				15.3×13.7×7 Size 6054 = Q1				AMMO H16.5 340×340 = A			
MKP 2 = MKP2				100 VDC = D0		1500 pF = 1150				2.5×7×4.6 PCM 2.5 = 0B				AMMO H16.5 490×370 = B			
MKI 2 = MKI2				160 VDC = E0		2200 pF = 1220				3×7.5×4.6 PCM 2.5 = 0C				AMMO H18.5 340×340 = C			
FKS 3 = FKS3				250 VDC = F0		3300 pF = 1330				2.5×6.5×7.2 PCM 5 = 1A				AMMO H18.5 490×370 = D			
FKM 3 = FKM3				400 VDC = G0		4700 pF = 1470				3×7.5×7.2 PCM 5 = 1B				REEL H16.5 360 = F			
FKP 3 = FKP3				450 VDC = H0		6800 pF = 1680				2.5×7×10 PCM 7.5 = 2A				REEL H16.5 500 = H			
MKS 4 = MKS4				600 VDC = I0		0.01 μF = 2100				3×8.5×10 PCM 7.5 = 2B				REEL H18.5 360 = I			
MKM 4 = MKM4				630 VDC = J0		0.022 μF = 2220				3×9×13 PCM 10 = 3A				REEL H18.5 500 = J			
MKP 4 = MKP4				700 VDC = K0		0.047 μF = 2470				4×9×13 PCM 10 = 3C				ROLL H16.5 = N			
MKP 10 = MKP1				800 VDC = L0		0.1 μF = 3100				5×11×18 PCM 15 = 4B				ROLL H18.5 = O			
FKP 4 = FKP4				850 VDC = M0		0.22 μF = 3220				6×12.5×18 PCM 15 = 4C				BLISTER W12 180 = P			
FKP 1 = FKP1				900 VDC = N0		0.47 μF = 3470				5×14×26.5 PCM 22.5 = 5A				BLISTER W12 330 = Q			
MKP-X2 = MKX2				1000 VDC = O1		1 μF = 4100				6×15×26.5 PCM 22.5 = 5B				BLISTER W16 330 = R			
MKP-X2 R = MKXR				1100 VDC = P0		2.2 μF = 4220				9×19×31.5 PCM 27.5 = 6A				BLISTER W24 330 = T			
MKP-Y2 = MKY2				1200 VDC = Q0		4.7 μF = 4470				11×21×31.5 PCM 27.5 = 6B				Bulk Mini = M			
MP 3-X2 = MPX2				1250 VDC = R0		10 μF = 5100				9×19×41.5 PCM 37.5 = 7A				Bulk Standard = S			
MP 3-X1 = MPX1				1500 VDC = S0		22 μF = 5220				11×22×41.5 PCM 37.5 = 7B				Bulk Maxi = G			
MP 3-Y2 = MPY2				1600 VDC = T0		47 μF = 5470				94×49×182 DCH_ = H0				TPS Mini = X			
MP 3R-Y2 = MPRY				2000 VDC = U0		100 μF = 6100				94×77×182 DCH_ = H1				TPS Standard = Y			
Snubber MKP = SNMP				2500 VDC = V0		220 μF = 6220				...				...			
Snubber FKP = SNFP				3000 VDC = W0		1 F = A010											
GTO MKP = GTOM				4000 VDC = X0		2.5 F = A025											
DC-LINK MKP 4 = DCP4				6000 VDC = Y0		50 F = A500											
DC-LINK MKP C = DCPC				250 VAC = 0W		100 F = B100											
DC-LINK HC = DCH_				275 VAC = 1W		110 F = B110											
SuperCap C = SCSC				300 VAC = 2W		600 F = B600											
SuperCap MC = SCMC				400 VAC = 3W		1200 F = C120											
SuperCap R = SCSR				440 VAC = 4W		...											
SuperCap MR = SCMR				500 VAC = 5W													
Special features:																	
Standard = 00																	
Version A1 = 1A																	
Version A1.1.1 = 1B																	
Version A1.2 = 1C																	
...																	
Lead length (untaped)																	
3.5 ±0.5 = C9																	
6 -2 = SD																	
16 -1 = P4																	
...																	

The data on this page is not complete and serves only to explain the part number system. Part number information is listed on the pages of the respective WIMA range.